

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No. PWD/DPD/CB-Tender/2023- 4140-41
To

Dated:- 05-11-2024

The Executive Engineer (IT Cell)
Nirman Bhawan, Nigam Vihar,
Shimla-2

Subject: - Publishing of tender Notice.
Sir,

Enclosed please find herewith tender notice of work as given in the Notice inviting Tender along with Draft Bill of Quantities for uploading on department website as per Notification No. Pr. Secy. (PW) to the Govt. of HP letter No. PBW (B) A(3) 1/2020 dated Shimla-2, the 16th July 2021 as the work mentioned in the tender notice are urgent in nature and in public interest.

DA/ As above.


Executive Engineer,
Daulatpur Chowk Division,
HPPWD Daulatpur chowk.

Copy forwarded to the Superintending Engineer, 15th Circle, HPPWD
Una for information please.

Executive Engineer,
Daulatpur Chowk Division,
HPPWD Daulatpur chowk.

CERTIFICATE

Certified that tenders for the works called vide this office letter No. PWD/DPD/CB-Tender/2024- 4133-39 dated 05-11-2024 are required to be carried out immediately being emergent nature of work in the public interest.


Executive Engineer,
Daulatpur chowk Division,
HPPWD Daulatpur Chowk.


HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER

Sealed **Percentage rates** tenders on form 6 & 7 are hereby invited by the Executive Engineer Daulatpur Chowk Division, HPPWD, Daulatpur Chowk on behalf of Governor of HP for the following works from the approved and eligible contractors/firms of appropriate class enlisted in HPPWD as per latest instructions so as to reach in this office and opened as per time schedule given below. The offer of the tender will be kept open for 75 days from the date of opening of the tenders.

Date and time of receipt of applications for the tender form : 12.11.2024 up to 04.00 PM
Date and time of issue/sale of tender forms against cash Payment : 13.11.2024 (02.00 PM to 5.00 PM)
Date and time of receipt of tenders : 14.11.2024 up to 11.00 AM
Date and time of opening of tenders : 14.11.2024 at 11.30 AM

The tender forms will be issued against cash payment (non-refundable). The earnest money in the shape of NSC/Time Deposit/FDR of nationalized bank duly pledged in the name of undersigned must be accompanied with each tender. The conditional tender and tender not accompanying the earnest money in the proper mode of deposit will summarily be rejected.

Sr. No.	Name of Work	Estimated Cost	Earnest money	Time Limit	Cost of Form	Eligible Class of Contractor
1	C/o Link road Village Harwal upto House of Shaheed Satish Kumar Km 0/0 to 1/000, (SH:- Construction of Embankment Filling, GSB, WMM, Metalling & Tarring in Km. 0/400 to 0/600 and Retaining wall at various RD,s) Under MMSY 2024-25	499590.00	10000.00	Three Month	350-	Class-D
2	C/o Link road from Saghnai Kala Panga road to Abadi of Shiv Kumar Kala Panga Km. 0/0 to 0/500, (SH:- Construction of Cutting/Filling, GSB, WMM, Metalling & Tarring and Drain work Km 0/0 to 0/200) Under MMSY 2024-25	499756.00	10000.00	Three Month	350-	Class-D
3	C/o Link road from Ram Mandir on Gagret Amb road to Abadi Dadwal, Loharan and Batian, Village Andoura, (SH:- Construction of Embankment filling, GSB, WMM, Metalling & Tarring and Retaining wall) Under MMSY 2024-25	499866.00	10000.00	Three Month	350-	Class-D
4	C/o Link road NH-70 to ward no. 4 & 5 to Chaudhary Kalruhi Km 0/0 to 3/000, (SH:- Construction of Embankment filling, GSB, WMM, Metalling & Tarring and Retaining wall Km 0/0 to 0/200) Under MMSY 2024-25	499985.00	10000.00	Three Month	350-	Class-D
5	C/o Link road Amlehar Harijan Basti Km 0/0 to 0/500, (SH:- Construction of Embankment filling, GSB, WMM, Metalling & Tarring and Retaining wall Km 0/0 to 0/200) Under MMSY 2024-25	499545.00	10000.00	Three Month	350-	Class-D
6	Repair & Restoration of Rain Damages on Link Road Harijan Basti Amboa in G.P. Amboa km. 0/0 to 2/000, (SH:- Laying with WMM, Metalling & Tarring due to road crust damage and U-Shape Drain Km. 1/405 to 1/475)	496081.00	9900.00	Three Month	350-	Class-D
7	Repair & Maintenance of Non-Residential building at Police Post Daulatpur Distt. Una (H.P), (SH:-Providing and fixing aluminium doors & windows etc.)	95012.00	1900.00	Three Month	350-	Class-D
8	Restoration of Rain Damages on link road Andora to Banne Di Hatti to Shivpur Km 0/0 to 4/443, (SH:- C/O Drain at RD 0/250 to 0/510)	494720.00	9900.00	Three Month	350-	Class-D
9	Construction of link road Mistry Mohalla Ward No. 5 in Gram Panchayat Nangal Jariyalan Km 0/00 to 0/500, (SH:- P/L Interlocking Concrete Paver Block and Drain in Km 0/080 to 0/160) Under MNP	498244.00	10000.00	Three Month	350-	Class-D

10	Repair & Restoration of Rain Damages on NMT road from Mubarikpur to Marwari (Punjab Boundry) KM 54/675 to 72/555, (SH:- C/O Protection wall (Creat & Toe wall) in Mandwara Khad Bridge D/S in G.P. Ganu Mandwara at RD 71/520 to 71/550)	497250.00	10000.00	Three Month	350-	Class-D
11	VKV/2024/196, C/O (Construction of) Toilet Block with NMT road at Bus Adda Nakroh Km 59/100 in G.P. Nakroh , Tehsil Ghanari Distt. Una (H.P). (SH:- C/O Toilet Block, Water supply and Sanitary installation and Septic Tank)	292840.00	5900.00	Three Month	350-	Class-D
12	VKV/2024/197, C/O (Construction of) Play Ground near GMS Bhanjal in G.P. Bhanjal Lower, Tehsil Ghanari Distt. Una (H.P). (SH:- C/O Filling in School Play Ground)	191520.00	3800.00	Three Month	350-	Class-D
13	VKV/2024/198, C/O (Construction of) Toilet Male & Female in Govt. Sr. Sec. School Bhanjal in G.P. Bhanjal upper , Tehsil Ghanari Distt. Una (H.P). (SH:- C/O Toilet Block, Water supply and Sanitary installation)	194398.00	3900.00	Three Month	350-	Class-D
14	VKV/2024/180, Repair & Restoration of Rain Damages on C/O Link road to Village Dangoh in G.P.Dangoh Khas km. 0/0 to 3/0. (SH:- Construction of Edge wall near society & Police station)	286364.00	5700.00	Three Month	350-	Class-D
15	VKV/2024/181, Repair & Restoration of Rain Damages on Link road Ganu Mandwara in G.P. Ganu Mandwara km. 0/0 to 2/0. (SH:- Construction of Edge wall near Govt. school Ganu)	286803.00	5700.00	Three Month	350-	Class-D
16	VKV/2024/182, Repair & Restoration of Rain Damages on Link road to village Kuneran Railway Station in G.P. Kuneran km. 0/0 to 3/0. (SH:- Construction of Edge wall near Govt. school Kuneran)	287683.00	5800.00	Three Month	350-	Class-D
17	Restoration of Rain Damages on link road Gondpur Banehra to Ghanari km 0/0 to 3/300, (SH- P/L Interlocking Concrete Paver Block and V-Drain between Km 0/000 to 0/400)	499654.00	10000.00	Three Month	350-	Class-D
18	C/o Link road Nangal Jarialan to Brahampur via Village Harbal in G.P. Gondpur Banehra Lower Km 0/0 to 2/0, (SH:- Construction of 900mm dia RCC Hume pipe culvert at RD 0/715 and 0/780) Under MNP	498768.00	10000.00	Three Month	350-	Class-D
19	C/O link road from Loharli to Harizan Basti Mohalla Dharamshala in Gram Panchayat Loharli Km. 0/0 to 2/100, (SH:- C/O 3.00 Mtr. Span RCC slab culvert at RD 0/695) Under MNP	499879.00	10000.00	Three Month	350-	Class-D
20	C/O link road from Loharli to Harizan Basti Mohalla Dharamshala in Gram Panchayat Loharli Km. 0/0 to 2/100, (SH:- Construction of 900mm dia RCC Hume pipe culvert at RD 0/820 and Paver Block at Various Rd,S) Under MNP	499029.00	10000.00	Three Month	350-	Class-D
21	Repair & Restoration of Rain Damages on Link road from Marwari to Joh via Sindhani Km 0/0 to 3/00. (SH:- Construction of Breast/Edge wall from RD 1/485 TO 1/510, 2/250 to 2/270 and 2/305 to 2/325)	476792.00	9600.00	Three Month	350-	Class-D
22	Restoration of Rain Damages on link road Karluhi Athman Km 0/0 to 4/600, (SH:- C/O U Shape	498953.00	10000.00	Three Month	350-	Class-D

23	C/O & M/T road from Cylinder Factory Deoli to Seriwala Mohalla in Gram Panchayat Deoli Km. 0/0 to 0/870, (SH:- P/L Interlocking Concrete Paver Block and Drain in Km 0/200 to 0/270) Under MNP	499138.00	10000.00	Three Month	350-	Class-D
24	Repair & Restoration of Rain Damages on Link road to village Ganu Km 0/0 to 3/450, (SH:- Construction of wire crates & Edge wall to Existing solid causeway near G.P.S. Ganu Mandwara)	148176.00	3000.00	Three Month	350-	Class-D
25	C/o link road from Goglehar to Oel upper road (RD 6/620) to link with Gagret Oel Ispur road upto Vety. Dispensary Kuthera Jaswalana Km 0/0 to 1/000, (SH- P/L Interlocking Concrete Paver Block and Retaining wall between Km 0/050 to 0/300) Under MNP	499477.00	10000.00	Three Month	350-	Class-D
26	C/O & M/T link road from Kaloh to Ward No. 3 Jodi Bala Mohalla in G.P. Kaloh Km. 0/0 to 1/100, (SH:- Construction of 900mm dia RCC Hume pipe culvert at RD 0/120 and Retaining wall RD 0/070 to 0/105) Under MNP	499980.00	10000.00	Three Month	350-	Class-D
27	C/O & M/T link road Pirthipur Bridge to Faquiti Mohalla under GP Raipur Km. 0/0 to 2/800. (SH:- Construction of Edge wall from RD 0/0 to 0/030 and 0/320 to 0/360) Under SCDP	218096.00	4400.00	Three Month	350-	Class-D
28	C/o Link road Village Harwal upto House of Shaheed Satish Kunar Km 0/0 to 1/000, (SH:- Construction of Embakment Filling, GSB, WMM, Metalling & Tarring in Km. 0/620 to 0/800 and Retaining wall at various RD,s) Under MMSY 2024-25	499590.00	10000.00	Three Month	350-	Class-D
29	C/o Link road from Saghnai Kala Panga road to Abadi of Shiv Kumar Kala Panga Km. 0/0 to 0/500, (SH:- Construction of Cutting/Filling, GSB, WMM, Metalling & Tarring and Drain work Km 0/220 to 0/400) Under MMSY 2024-25	499756.00	10000.00	Three Month	350-	Class-D
30	C/o Link road from Ram Mandir on Gagret Amb road to Abadi Dadwal, Loharan and Batian, Village Andoura, (SH:- Construction of Embakment filling, GSB, WMM, Metalling & Tarring, Drain and Retaining wall) Under MMSY 2024-25	499866.00	10000.00	Three Month	350-	Class-D
31	C/o Link road NH-70 to ward no. 4 & 5 to Chaudhary Kalruhi Km 0/0 to 3/000, (SH:- Construction of Embakment filling, GSB, WMM, Metalling & Tarring and Retaining wall Km 0/215 to 0/400) Under MMSY 2024-25	499985.00	10000.00	Three Month	350-	Class-D
32	C/o Link road Amlehar Harijan Basti Km 0/0 to 0/500, (SH:- Construction of Embakment filling, GSB, WMM, Metalling & Tarring and Retaining wall Km 0/210 to 0/410) Under MMSY 2024-25	499545.00	10000.00	Three Month	350-	Class-D
33	C/O & M/T road from Cylinder Factory Deoli to Seriwala Mohalla in Gram Panchayat Deoli Km. 0/0 to 0/870, (SH:- C/O Edge wall at Km 0/030 to 0/200) Under MNP	495108.00	10000.00	Three Month	350-	Class-D
34	Construction of link road Mistry Mohalla Ward No. 5 in Gram Panchayat Nangal Jariyalan Km 0/00 to 0/500, (SH:- P/L Interlocking Concrete Paver Block and Drain in Km 0/160 to 0/280) Under MNP	499188.00	10000.00	Three Month	350-	Class-D

35	Repair & Restoration of Rain Damages on Link road to Village Kaloh from Gagret Oel Ipur road Km 0/0 to 3/750 , Link road to Village Badoh from Gagret Oel Ispur road Km. 0/0 to 2/800 and Link road Harijan Basti Tatehra Km.0/0 to 1/500, (SH:- Repair to pot Hole at various RD,s)	499500.00	10000.00	Three Month	350-	Class-D
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TE35RMS AND CONDITIONS: -

1. The contractor should produce a copy of enlistment/renewal letter at the time of application.
2. The contractor/firm shall have his registration and GST No. and copy of the same be attached with the application.
3. **The earnest money for the above works should be submitted duly pledged in favour of Executive Engineer, Daulatpur chowk division, HPPWD Daulatpur chowk with the application for the purchase of tender forms. The application received without earnest money shall be summarily rejected.**
4. The contractor/firms are required to insert the rate in words as well as in figures failing which Executive Engineer reserves the right to accept/rejects any or all tenders.
5. If any of the date mentioned above happens to be Local/Gazetted Holidays the same shall be process on next date.
6. The tender form will be issued to those contractors who have relevant machinery and equipment, list of which may be attached with their application along with proof of ownership of machinery/legal tie up.
7. The Executive Engineer reserves the right to reject or cancel any or all tenders without assigning any reasons.

No. PWD/DPD/CB-Tender/2024-

4133-39

Copy forwarded to the following for information and necessary action: -

1. The Engineer-in-Chief, HPPWD Nirman Bhawan Shimla.
2. The Chief Engineer (HZ) HPPWD Hamirpur.
3. The Superintending Engineer, 15th Circle, HPPWD Una.
4. All the Assistant Engineers working under this division.
5. Drawing Branch in this office.
6. Notice Board.

Executive Engineer,
Daulatpur Chowk Division
HP.PWD Daulatpur Chowk.

Dated: - 05/09/2024

Executive Engineer,
Daulatpur Chowk Division
HP.PWD Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 499590/-
Earnest Money :-Rs. 10000/-
Time Limit :- Three Month.

Name of Work:- C/o Link road Village Harwal upto House of Shaheed Satish Kunar Km 0/0 to 1/000, (SH):- Construction of Embalment Filling, GSB, WMM, Metalling & Tarring in Km. 0/400 to 0/600 and Retaining wall at various RD,s) Under MMSY 2024-25

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	3.30 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	594.00
2	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of materials, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	97.50 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	23400.00
3	Construction of granular sub-base consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	62.81 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	69091.00

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-Charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	69.75 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	104625.00
5	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	450.00 Square metre	50.00	Rupees Fifty Only	Per square metre	22500.00
6	Providing and applying tack coat with bitumen emulsion RS-I , including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogram) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	450.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	8100.00
7	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	450.00 Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	83250.00
8	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogram) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	450.00 Square metre	75.00	Rupees Seventy Five Only	Per square metre	33750.00

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
9	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement to four sand to eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	23.80 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	85680.00
10	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less than 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 No.s	220.00	Rupees Two Hundred Twenty Only	Each	2200.00
11	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	14.40 Cubic metre	2900.00	Rupees Two Thousand Nine Hundred Only	Per Cubic metre	41760.00
12	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	28.00 Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	24640.00
TOTAL						499590.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499756/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months.

Name of Work:-C/o Link road from Saghnai Kala Panga road to Abadi of Shiv Kumar Kala Panga Km. 0/0 to 0/500, (SH:- Construction of Cutting/Filling, GSB, WMM, Metalling & Tarring and Drain work Km 0/0 to 0/200) Under MMSY 2024-25

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed variety of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.390	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	790.00
2	Preparation and consolidation of sub grade with power road roller of 8 (eight) to 12 (twelve) tonne capacity after excavating earth to an average of 22.5 cm (twenty two point five centimeter depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with any lead as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	600.000	Square metre	93.50	Rupees Ninety Three And Paise Fifty Only	Per square metre	56100.00
3	Construction of gravel/soil aggregate sub base/base by providing well graded material of nominal maximum size grading 80mm (eighty millimetre) as per table 2.3 of IRC SP 77-2008, spreading in uniform layers with tractor mount appropriate grading arrangements on prepared surface, mixing by mix in place method at OMC with tractor mount appropriate rotavator attachment and compaction with three wheel 80-100 KN static roller capacity to achieve the desired complete as per CPWD specifications 2019 contained in para 2.2, 3.6 and 3.7 of IRC SP-77-2008 and as per the direction of Engineer-in -Charge including carriage of material within all leads, lifts and other incidentals .The rate includes octroi, royalty, Malkana, toll tax , goods service tax, labour cess or other taxes imposed by the Government.	75.000	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	82500.00
4	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM)specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical paverfinisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	90.000	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	135000.00
5	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	560.000	Square metre	50.00	Rupees Fifty Only	Per square metre	28000.00

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	560.000	Square metre	18.00	Rupees Eighteen Only	Per square metre	10080.00
	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/fourty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	560.000	Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	103600.00
6	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	560.000	Square metre	75.00	Rupees Seventy Five Only	Per square metre	42000.00
7	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.970	Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Square metre	41686.00
	TOTAL		Number				499756.00
				% above/below			
				Quoted Rate in Words			
				Quoted Rate in Figure			

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 499866/-
 Earnest Money :-Rs. 10000/-
 Time Limit :- Three Month.

Name of Work:- C/o Link road from Ram Mandir on Gagret Amb road to Abadi Dadwal, Loharan and Batian, Village Andoura, (SH:- Construction of Embankment filling, GSB, WMM, Metalling & Tarring and Retaining wall) Under MMSY 2024-25

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
		Figures	Words				
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	8.800	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1584.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	142.500	Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	34200.00
3	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	13.500	Cubic metre.	120.00	Rupees One Hundred Twenty Only	Per cubic metre	1620.00
4	Construction of granular sub-base by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	50.625	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	55688.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	55.690	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	83535.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	371.250	Square metre	50.00	Rupees Fifty Only	Per square metre	18563.00
7	Providing and applying tack coat with bitumen emulsion RS-I , including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	371.250	Square metre	18.00	Rupees Eighteen Only	Per square metre	6683.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	68681.00
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	75.00	Rupees Seventy Five Only	Per square metre	27844.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.600	Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	171360.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	0.860	Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	3268.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less than 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	14.000	Number	220.00	Rupees Two Hundred Twenty Only	Each	3080.00
13	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	27.00	Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	23760.00
TOTAL							499866.00
Quoted Rate in Figure		% above/below					
Quoted Rate in Words							

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 499985/-
 Earnest Money :-Rs. 10000/-
 Time Limit :- Three Month.

Name of Work:- C/o Link road NH-70 to ward no. 4 & 5 to Chaudhary Kalruhi Km 0/0 to 3/000, (SH):- Construction of Embankment filling, GSB, WMM, Metalling & Tarring and Retaining wall Km 0/0 to 0/200) Under MMSY 2024-25

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	9.460	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1703.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	142.500	240.00	Rupees Two Hundred Forty Only	Per cubic metre	34200.00
3	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	13.500	120.00	Rupees One Hundred Twenty Only	Per cubic metre	1620.00
4	Construction of granular sub-base by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	50.625	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	55688.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	55.690	Cubic metre	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	83535.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	371.250	Square metre	50.00	Rupees Fifty Only	Per square metre	18563.00
7	Providing and applying tack coat with bitumen emulsion RS-I , including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	371.250	Square metre	18.00	Rupees Eighteen Only	Per square metre	6683.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/fourty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	68681.00
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	75.00	Rupees Seventy Five Only	Per square metre	27844.00

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.600 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	171360.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	0.860 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	3268.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plas/Repipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	14.000 Number	220.00	Rupees Two Hundred Twenty Only	Each	3080.00
13	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	27.00 Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	23760.00
	TOTAL					499985.00
			% above/below			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Estimate Cost :- Rs. 499545/-
 Earnest Money :-Rs. 10000/-
 Time Limit :- Three Month.

Name of Work:- C/o Link road Amlehar Harijan Basti Km 0/0 to 0/500, (SH:- Construction of Embakment filling, GSB, WMM, Metalling & Tarring and Retaining wall Km 0/0 to 0/200) Under MMSY 2024-25

DRAFT BILL OF QUANTITY

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
		Figures	Words				
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	9.460	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1703.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	142.500	Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	34200.00
3	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	13.500	Cubic metre.	120.00	Rupees One Hundred Twenty Only	Per cubic metre	1620.00
4	Construction of granular sub-base by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	50.625	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	55688.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	55.690	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	83535.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	371.250	Square metre	50.00	Rupees Fifty Only	Per square metre	18563.00
7	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	371.250	Square metre	18.00	Rupees Eighteen Only	Per square metre	6683.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	68681.00
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	75.00	Rupees Seventy Five Only	Per square metre	27844.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
		Figures	Words				
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.600	Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	171360.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	0.860	Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	3268.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less than 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	12.000	Number	220.00	Rupees Two Hundred Twenty Only	Each	2640.00
13	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	27.00	Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	23760.00
TOTAL							499545.00
Quoted Rate in Figure		% above/below					
Quoted Rate in Words							


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 496081/-
 Earnest Money :-Rs. 9900/-
 Time Limit :- Three Month.

Name of Work:-Repair & Restoration of Rain Damages on Link Road Harijan Basti Amboa in G.P. Amboa km. 0/0 to 2/000, (SH:- Laying with WMM, Metalling & Tarring due to road crust damage and U-Shape Drain Km. 1/405 to 1/475)

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush seprately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	141.00	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	25380.00
2	Dismantling of flexible pavements and disposal of dismantled materials upto a lead of 100 m, stacking serviceable and unserviceable materials separately as per Technical Specification and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	11.73	Cubic metre.	700.00	Rupees Seven Hundred Only	Per cubic metre	8208.00
3	Construction of gravel/soil aggregate sub base/base by providing well graded material of nominal maximum size grading 80mm (eighty millimetre) as per table 2.3 of IRC SP 77-2008, spreading in uniforms layers with tractor mount appropriate grading arrangements on prepared surface, mixing by mix in place method at OMC with tractor mount appropriate rotavator attachment and compaction with three wheel 80-100 KN static roller capacity to achieve the desired complete as per CPWD specifications 2019 contained in para 2.2, 3.6 and 3.7 of IRC SP-77-2008 and as per the direction of Engineer-in -Charge including carriage of material within all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	35.18	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	38693.00
4	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM)specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical paverfinisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	43.40	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	65100.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
5	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	210.00	Square metre	50.00	Rupees Fifty Only	Per square metre	10500.00
6	Providing and applying tack coat with bitumen emulsion RS-I , including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	210.00	Square metre	18.00	Rupees Eighteen Only	Per square metre	3780.00
7	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	210.00	Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	38850.00
8	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	210.00	Square metre	75.00	Rupees Seventy Five Only	Per square metre	15750.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
9	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	51.00	Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	193800.00
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	25.45	Cubic metre.	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	91620.00
11	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	20.00	Number	220.00	Rupees Two Hundred Twenty Only	Each	4400.00
	TOTAL						496081.00
	Quoted Rate in Figure	% above/below					
	Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

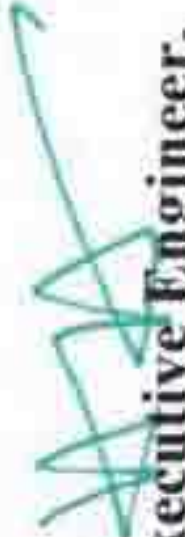
Estimated Cost: Rs. 95012/-
 Earnest Money: Rs. 1900/-
 Time Limit : Three Months.

Name of work:- Repair & Maintenance of Non-Residential building at Police Post Daulatpur Distt. Una (H.P), (SH:-Providing and fixing aluminium doors & windows etc.)

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhat, architrave, holdfasts etc. complete and as per direction of Engineer-in-charge, including carriage of material within all leads and lifts and other incidental. The rate including of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	4.00	Number	130.00	Rupees One Hundred Thirty Only	Each	520.00
2	Providing and fixing aluminium work for doors, windows, ventilators and partitions make of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge for fixed portion (Powder coated aluminium (minimum thickness of powder coating 50 micron) (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	90.39	Kilogram	510.00	Rupees Five Hundred Ten Only	Per Kilogram	46099.00
3	Providing and fixing aluminium work for doors, windows, ventilators and partitions ake of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete for shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately Powder coated aluminium (minimum thickness of powder coating 50 micron) as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	62.88	Kilogram	530.00	Rupees Five Hundred Thirty Only	Per Kilogram	33326.00

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
4	Providing and fixing glazing with float glass panes of 5 mm (five millimeter) thickness (weight not less than 12.50 kg/ sqm) in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item) as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.32	Square metre	600.00	Rupees Six Hundred Only	Per Square meter	2592.00
5	Providing and fixing 12mm (twelve millimeter) thick make of Novapan, Kitply, National Archid Ply, Action Tesa, Green Pre-laminated particle board with decorative lamination on both sides, flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.80	Square metre	850.00	Rupees Eight Hundred Fifty Only	Per Square meter	4080.00
6	Providing and fixing 250x16mm(two hundred fifty into sixteen millimeter) aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.00	Number	160.00	Rupees One Hundred Sixty Only	Each	320.00
7	Providing and fixing 200x10mm (two hundred into ten millimeter) aluminium tower bolts, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.00	Number	145.00	Rupees One Hundred Forty Five Only	Each	2175.00
8	Providing and fixing 100mm (one hundred millimeter) aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.00	Number	150.00	Rupees One Hundred Fifty Only	Each	2250.00

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
9	Providing and fixing 150mm (one hundred fifty millimeter) bright finished hard drawn hooks and eyes as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	10.00	Number	50.00	Rupees Fifty Only	Each	500.00
10	Distempering (two or more coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including water thinnable priming coat with cement primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth, priming coat with distemper primer as per CPWD specifications 2019 and as directed by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	35.00	Square metre	90.00	Rupees Ninety Only	Per Squire metre	3150.00
TOTAL							95012.00
				% above/below			
				Quoted Rate in Words			
				Quoted Rate in Figure			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

8

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 494720/-
Earnest Money: Rs. 9900/-
Time Limit : Three Month

Name of Work:-Restoration of Rain Damages on link road Andora to Banne Di Hatti to Shivpur Km 0/0 to 4/443, (SH:- C/O Drain at RD 0/250 to 0/510)

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
		Figures	Words				
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	156.00	Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	28080.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	122.80	Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	466640.00
	TOTAL						494720.00
		% above/below					
		Quoted Rate in Figure					
		Quoted Rate in Words					

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

9

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 498244/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months

Name of Work:- Construction of link road Mistry Mohalla Ward No. 5 in Gram Panchayat Nangal Jariyalan Km 0/00 to 0/500, (SH:- P/L Interlocking Concrete Paver Block and Drain in Km 0/080 to 0/160) Under MNP

Sr. No.	Description of Item	Quantity		Rates in		Unit	Amount
		Figures	Words				
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	71.20	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	12816.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	36.00	Cubic metre.	120.00	Rupees One Hundred Twenty Only	Per cubic metre	4320.00
3	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	30.00	Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	7200.00
4	Construction of gravel/soil aggregate sub base/base by providing well graded material of nominal maximum size grading 80mm (eighty millimetre) as per table 2.3 of IRC SP 77-2008, spreading in uniforms layers with tractor mount appropriate grading arrangements on prepared surface, mixing by mix in place method at OMC with tractor mount appropriate rotavator attachment and compaction with three wheel 80-100 KN static roller capacity to achieve the desired complete as per CPWD specifications 2019 contained in para 2.2, 3.6 and 3.7 of IRC SP-77-2008 and as per the direction of Engineer-in -Charge including carriage of material within all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	24.00	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	26400.00

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	22.40 Cubic metre.	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	80640.00
6	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	33.00 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	125400.00
7	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	6.58	4600.00	Rupees Four Thousand Six Hundred Only	Per cubic metre	30268.00
8	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimeter) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc; of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimeter) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	240.00 Squire metre.	880.00	Rupees Eight Hundred Eighty Only	Per square metre	211200.00
			Total Amount			498244.00
			Quoted Rate in Figure		% above/below	
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 497250/-

Earnest Money: Rs. 10000/-

Time Limit : Three Month

Name of Work:-Repair & Restoration of Rain Damages on NMT road from Mubarikpur to Marwari (Punjab Boundry) KM 54/675 to 72/555, (SH:- C/O Protection wall (Creat & Toe wall) in Mandwara Khad Bridge D/S in G.P. Ganu Mandwara at RD 71/520 to 71/550

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	121.50 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	21870.00
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORTH technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	57.60 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	218880.00
3	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS 280 and IS-4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	90.00 Cubic metre	2850.00	Rupees Two Thousand Eight Hundred Fifty Only	Per cubic metre	256500.00
TOTAL						497250.00
			Quoted Rate in Figure		% above/below	
			Quoted Rate in Words			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 292840/-
Earnest Money: Rs. 5900/-
Time Limit : Three Month

Name of Work:- VKV/2024/196, C/O (Construction of) Toilet Block with NMT road at Bus Adda Nakroh Km 59/100 in G.P. Nakroh , Tehsil Ghanari Distt. Una (H.P). (SH:- C/O Toilet Block, Water supply and Sanitary installation and Septic Tank)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in all kind of soil work by mechanical means (Hydraulic Excavator (3D) with driver and fuel)/ manual means in foundation trenches or drains in all kind of soil, including dressing of sides and ramming of bottoms, upto any lift, including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead as per the direction by Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	7.920 Cubic meter	210.00	Rupees Two Hundred Ten Only	Per Cubic meter	1663.00
2	Providing form work with steel plates 3.15mm (three point fifteen millimeter) thick welded with angle iron in frame 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering, strutting and propping etcetera with wooden battens and ballies upto any height in all floor level of propping and centring below supporting floor to ceiling upto any height and removal of the same for in-situ reinforced cement concrete and plain concrete work as per HPPWD specifications in Lintels, beams, plinth beams, girders, bressumers and cantilevers as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.800 Square meter	340.00	Rupees Three Hundred Forty Only	Per Square meter	952.00
3	Providing form work with steel plates 3.15mm (three point fifteen millimeter) thick welded with angle iron in frame 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering, strutting and propping etcetera with wooden battens and ballies upto any height in all floor level of propping and centring below supporting floor to ceiling upto any height and removal of the same for in-situ reinforced cement concrete and plain concrete work as per HPPWD specifications in Suspended floors, roofs, landings, balconies and access platform as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	11.250 Square meter	380.00	Rupees Three Hundred Eighty Only	Per Square meter	4275.00
4	Providing and laying 1:4:8 mechanically mixed (one cement: four sand: eight graded crushed stone aggregate 40mm (forty millimeter) nominal size and curing complete excluding cost of form work in foundation and plinth as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.300 Cubic meter	3630.00	Rupees Three Thousand Six Hundred Thirty Only	Per Cubic meter	8349.00
5	Providing and laying in position specified grade of reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° (Fifteen degree) landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to all floor level, excluding the cost of centering, shuttering, finishing and reinforcement with M-25 (M-twenty five) design mix with minimum cement contents not less than 400 kgs. (four hundred kilogram) per cubic metre including curing complete excluding cost of form work upto all height as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	3.190 Cubic meter	6250.00	Rupees Six Thousand Two Hundred Fifty Only	Per Cubic meter	19938.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
6	Providing steel reinforcement and Thermo-Mechanically Treated bars of grade Fe-500D or more approved make i.e. SAIL, RINL, Shyam Steel/TISCO, Jindal Panther (JSPL) for reinforced cement concrete work including bending cutting straightening and placing in position binding all complete upto any floor level/height as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	279.550 Kilogram	88.00	Rupees Eighty Eight Only	Per Kilogram	24600.00
7	Providing and laying mechanically mixed cement concrete 1:3:6 (one cement:three sand: six graded crushed stone aggregate 40mm (forty millimeter) nominal size excluding cost of centring and shuttering in foundation and plinth as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	3.150 Cubic meter	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic meter	11970.00
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to all floor level in all shapes and sizes in cement mortar 1:4 (one cement isto four coarse sand) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	10.040 Cubic meter	6450.00	Rupees Six Thousand Four Hundred Fifty Only	Per Cubic meter	64755.00
9	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level in any floor/height in cement mortar 1:4 (one cement: four coarse sand) as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.760 Square metre	800.00	Rupees Eight Hundred Only	Per square metre	4608.00
10	Providing and fixing aluminium work for doors, windows, ventilators and partitions make of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge for fixed portion (Powder coated aluminium (minimum thickness of powder coating 50 micron) (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	65.520 Kilogram	540.00	Rupees Five Hundred Forty Only	Per Kilogram	35381.00
11	Providing and fixing aluminium work for doors, windows, ventilators and partitions ake of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete for shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately Powder coated aluminium (minimum thickness of powder coating 50 micron) as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	45.360 Kilogram	560.00	Rupees Five Hundred Sixty Only	Per Kilogram	25402.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
12	Providing and fixing glazing with float glass panes of 5 mm (five millimeter) thickness (weight not less than 12.50 kg/ sqm) in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item) as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	0.270 Square metre	800.00	Rupees Eight Hundred Only	Per square metre	216.00
13	Providing and fixing fly proof Stainless steel (grade 304) wire gauze of 0.5 mm (zero point five millimeter) dia wire and 1.4 mm (one point four millimeter) aperture on both sides wire gauge to windows clerestory windows and doors with M.S. Flat 15x3 mm (fifteen into three millimeter) and nuts and bolts complete including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	0.270 Square metre	825.00	Rupees Eight Hundred Twenty Five Only	Per square metre	223.00
14	Providing and fixing bakelite sheet in 2mm (two millimeter) thickness in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item). The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.400 Square metre	950.00	Rupees Nine Hundred Fifty Only	Per square metre	5130.00
15	Providing and fixing 250x16mm(two hundred fifty into sixteen millimeter) aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.000 Number	220.00	Rupees Two Hundred Twenty Only	Each	1100.00
16	Providing and fixing 100mm (one hundred millimeter) aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.000 Number	50.00	Rupees Fifty Only	Each	250.00
17	Providing and fixing 150x10mm (one hundred fifty into ten millimeter) aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.000 Number	60.00	Rupees Sixty Only	Each	300.00
18	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (Three hundred into three hundred millimeter) (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (one cement into four Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm (at the rate of three point three kilogram per square metre) including pointing the joints with white cement and matching pigment etc., complete. upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	11.250 Square metre	1050.00	Rupees One Thousand Fifty Only	Per square metre	11813.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
19	Providing and fixing 1st quality ceramic glazed floor tiles of size 300x600mm/300x450mm (Three hundred millimetre into six hundred millimetre oblique three hundred millimetre into four hundred fifty millimetre) conforming to IS 15622 (thickness to be specified by the manufacturer) make of Kajaria/NITCO/ Somany/ Orient/RAK/ Johnson & Johnson of required color and shade in skirting, risers of steps and dados over 12mm (twelve millimetre) thick bed of cement Mortar 1:3 (one cement to three coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm (at the rate three point three kilogram per square metre) including pointing in white cement mixed with pigment of matching shade complete upto all floor levels as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	16.800 Square metre	1100.00	Rupees One Thousand One Hundred Only	Per square metre	18480.00
20	Providing and fixing 110mm (one hundred ten millimeter) diameter on wall face unplasticised Rigid PVC rain water single socketed pipes of approved brand make of Finolex/ Supreme/ AKG/ Prince/ Kisan/ SFMC/Diplast conforming to IS: 13592, Type A of working pressure not less than 4.5 kg/sq. cm (four point five kilogramme per square centimeter) including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, filling the joints with approved adhesive complete upto any height as per CPWD specifications 2019 and as directed by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.000 Running meter.	200.00	Rupees Two Hundred Only	Per Running meter.	1000.00
21	6mm (six millimetre) thick cement plaster 1:3 (one cement to three fine sand) finished with a floating coat of neat cement and thick coat of Lime wash on top of walls when dry for bearing of R.C.C. slabs and beams in all height/ in all floor level as per CPWD specifications 2019 and direction and entire satisfaction of the Engineer in charge. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	11.250 Square metre	180.00	Rupees One Hundred Eighty Only	Per square metre	2025.00
22	15mm (fifteen millimeters) cement plaster in single coat on rough side of brick/concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm (eighty millimeters) in girth and finished even and smooth in cement mortar 1:4 (one cement: six sand) as directed by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	33.600 Square meter	220.00	Rupees Two Hundred Twenty Only	Per Square meter	7392.00
23	12mm (twelve millimeters) thick cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm (eighty millimeters) in girth and finished even and smooth in cement mortar 1:4 (one cement: six sand) as directed by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	33.600 Square meter	200.00	Rupees Two Hundred Only	Per Square meter	6720.00
24	Distempering (two or more coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including water thinnable priming coat with cement primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth, priming coat with distemper primer as per CPWD specifications 2019 and as directed by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	33.600 Square meter.	85.00	Rupees Eighty Five Only	Per Square meter.	2856.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
25	Finishing walls with Acrylic Smooth exterior paint of required shade with Nerolac/Asian/Berger make new work (Two or more coat applied @ 1.67 ltr/10 sqm (one point sixty seven liter per ten square meter) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm (two point twenty kilogram per ten square meter) in all floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	33.600 Square meter	95.00	Rupees Ninety Five Only	Per Square meter	3192.00
26	Providing and fixing Polyethylene-Aluminium- Polyethylene PE-AL- PE Composite Pressure 1216 (16 mm OD) pipe internal work exposes on wall Kitech make conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers and connectors etc., with clamps at 1.00 (one point zero zero) metre spacing. This includes testing of joints complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	10.000 Running Metre	370.00	Rupees Three Hundred Seventy Only	Per Running Metre	3700.00
27	Providing and fixing water closet squatting pan (Indian type W.C. pan CERA, HINDWARE, PARRYWARE, mak) with 100 mm (One hundrd millimeter) sand cast Iron P or S trap, 10 (ten) litre low level white P.V.C. (poly vinyl chloride) flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231 (Indian standard seven thousand two hundrd thirty one), with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. (water closet) pan of size type foot rests 580x440 mm (Five hundred eighty into four hundred forty millimeter) with integral complete at all floor including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	1.000 Number	3550.00	Rupees Three Thousand Five Hundred Fifty Only	Each	3550.00
28	Providing and fixing white vitreous china pedestal type water closet (European type of CERA, HINDWARE, PARRYWARE, make) with soft closing seat and lid, 10 (ten) litre low level white vitreous china flushing cistern CERA, HINDWARE, PARRYWARE make) and C.P. flush bend with fittings and C.I. brackets, 40 mm (forty millimetre) flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid hindware or cera EWC No 20049 (twenty thousand forty nine) Snow White Shade including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	2.000 Number	4000.00	Rupees Four Thousand Only	Each	8000.00
29	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin approved quality Parryware, Hindware, Sanitware, Nyce, Cera make of 430x260x350 mm (four hundred thirty into two hundred sixty into three hundred fifty millimeter) or 340x410x265 mm (three hundred forty into four hundred ten into two hundred sixty five millimeter) sizes respectively as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.000 Number	1850.00	Rupees One Thousand Eight Hundred Fifty Only	Each	1850.00
30	Providing and fixing white vitreous china pedestal (CERA, Parryware, Hindware, Sanitaryware) for wash basin completely recessed at the back for the reception of pipes and fittings including entire carriage of material with in all leads, lifts, drawings, technical specifications as per direction by Engineer-in-Charge including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	2.000 Numbers	1250.00	Rupees One Thousand Two Hundred Fifty Only	Each	2500.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
31	Providing and fixing PTMT. grating round of approved quality and colour of Prayag, Viking make 100mm dia as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	3.000 Numbers	50.00	Rupees Fifty Only	Each	150.00
32	Providing and fixing 15mm (fifteen millimetre) dia C.P.(chrome plated) brass bib cock of approved quality conforming to IS : 8931 (Indian standard : eight thousand nine hundred thirty one) :15mm (fifteen millimeter) nominal bore complete upto floor all level including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	2.000 Numbers	650.00	Rupees Six Hundred Fifty Only	Each	1300.00
33	Providing and fixing 15mm (fifteen millimetre) dia C.P.(chrome plated) brass bib long body bib cock of approved quality conforming to IS (indian standard)standards and weighing not less than 810 gms (eight hundred ten grams)complete upto floor all level including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	3.000 Numbers	700.00	Rupees Seven Hundred Only	Each	2100.00
34	Providing and fixing 15mm (fifteen millimetre) dia C.P.(chrome plated) brass pillar cock of approved quality conforming to IS : 8931.15 (Indian standard : eight thousand nine hundred thirty one point fifteen) :15mm (fifteen millimeter) nominal bore complete upto floor all level including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	3.000 Numbers	950.00	Rupees Nine Hundred Fifty Only	Each	2850.00
35	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank Sintex make tripple layer 500 (Five hundred) litre capacity including all fittings as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.000 Numbers	4250.00	Rupees Four Thousand Two Hundred Fifty Only	Each	4250.00
TOTAL						292840.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 191520/-
Earnest Money :-Rs. 3800/-
Time Limit :- Three Month.

Name of Work:- VKV/2024/197, C/O (Construction of) Play Ground near GMS Bhanjal in G.P. Bhanjal Lower, Tehsil Ghanari Distt. Una (H.P). (SH:- C/O Filling in School Play Ground)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Construction of embankment for roadway/School ground with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	798.00	240.00	Rupees Two Hundred Forty Only	Per cubic metre	191520.00
	TOTAL					191520.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

13

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 194398/-
 Earnest Money: Rs. 3900/-
 Time Limit : Three Month

Name of Work:- VKV/2024/198, C/O (Construction of) Toilet Male & Female in Govt. Sr. Sec. School Bhanjal in G.P. Bhanjal upper, Tehsil Ghanari Distt. Una (H.P.). (SH:- C/O Toilet Block, Water supply and Sanitary installation)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in all kind of soil work by mechanical means (Hydraulic Excavator (3D) with driver and fuel)/ manual means in foundation trenches or drains in all kind of soil, including dressing of sides and ramming of bottoms, upto any lift, including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead as per the direction by Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	6.000 Cubic meter	180.00	Rupees One Hundred Eighty Only	Per Cubic meter	1080.00
2	Providing form work with steel plates 3.15mm (three point fifteen millimeter) thick welded with angle iron in frame 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering, strutting and propping etcetera with wooden battens and ballies upto any height in all floor level of propping and centring below supporting floor to ceiling upto any height and removal of the same for in-situ reinforced cement concrete and plain concrete work as per HPPWD specifications in Lintels, beams, plinth beams, girders, bressumers and cantilevers as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.000 Square meter	340.00	Rupees Three Hundred Forty Only	Per Square meter	680.00
3	Providing form work with steel plates 3.15mm (three point fifteen millimeter) thick welded with angle iron in frame 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering, strutting and propping etcetera with wooden battens and ballies upto any height in all floor level of propping and centring below supporting floor to ceiling upto any height and removal of the same for in-situ reinforced cement concrete and plain concrete work as per HPPWD specifications in Suspended floors, roofs, landings, balconies and access platform as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	6.250 Square meter	380.00	Rupees Three Hundred Eighty Only	Per Square meter	2375.00
4	Providing and laying 1:4:8 mechanically mixed (one cement: four sand: eight graded crushed stone aggregate 40mm (forty millimeter) nominal size and curing complete excluding cost of form work in foundation and plinth as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.560 Cubic meter	3630.00	Rupees Three Thousand Six Hundred Thirty Only	Per Cubic meter	5663.00
5	Providing and laying in position specified grade of reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° (Fifteen degree) landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to all floor level, excluding the cost of centering, shuttering, finishing and reinforcement with M-25 (M-twenty five) design mix with minimum cement contents not less than 400 kgs. (four hundred kilogram) per cubic metre including curing complete excluding cost of form work upto all height as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.280 Cubic meter	6250.00	Rupees Six Thousand Two Hundred Fifty Only	Per Cubic meter	14250.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
6	Providing steel reinforcement and Thermo-Mechanically Treated bars of grade Fe-500D or more approved make i.e. SAIL, RINL, Shyam Steel/TISCO, Jindal Panther (JSPL) for reinforced cement concrete work including bending cutting straightening and placing in position binding all complete upto any floor level/height as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	199.800 Kilogram	88.00	Rupees Eighty Eight Only	Per Kilogram	17582.00
7	Providing and laying mechanically mixed cement concrete 1:3:6 (one cement:three sand: six graded crushed stone aggregate 40mm (forty millimeter) nominal size excluding cost of centring and shuttering in foundation and plinth as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.300 Cubic meter	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic meter	8740.00
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to all floor level in all shapes and sizes in cement mortar 1:4 (one cement isto four coarse sand) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	7.490 Cubic meter	6450.00	Rupees Six Thousand Four Hundred Fifty Only	Per Cubic meter	48311.00
9	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level in any floor/height in cement mortar 1:4 (one cement: four coarse sand) as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.760 Square metre	800.00	Rupees Eight Hundred Only	Per square metre	4608.00
10	Providing and fixing aluminium work for doors, windows, ventilators and partitions make of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge for fixed portion (Powder coated aluminium (minimum thickness of powder coating 50 micron) (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	26.400 Kilogram	540.00	Rupees Five Hundred Forty Only	Per Kilogram	14256.00
11	Providing and fixing aluminium work for doors, windows, ventilators and partitions ake of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete for shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately Powder coated aluminium (minimum thickness of powder coating 50 micron) as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	21.120 Kilogram	560.00	Rupees Five Hundred Sixty Only	Per Kilogram	11827.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
12	Providing and fixing glazing with float glass panes of 5 mm (five millimeter) thickness (weight not less than 12.50 kg/sqm) in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item) as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	0.180 Square metre	800.00	Rupees Eight Hundred Only	Per square metre	144.00
13	Providing and fixing fly proof Stainless steel (grade 304) wire gauze of 0.5 mm (zero point five millimeter) dia wire and 1.4 mm (one point four millimeter) aperture on both sides wire gauge to windows clerestory windows and doors with M.S. Flat 15x3 mm (fifteen into three millimeter) and nuts and bolts complete including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	0.180 Square metre	825.00	Rupees Eight Hundred Twenty Five Only	Per square metre	149.00
14	Providing and fixing bakelite sheet in 2mm (two millimeter) thickness in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item). The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.700 Square metre	950.00	Rupees Nine Hundred Fifty Only	Per square metre	2565.00
15	Providing and fixing 250x16mm(two hundred fifty into sixteen millimeter) aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.000 Number	220.00	Rupees Two Hundred Twenty Only	Each	440.00
16	Providing and fixing 100mm (one hundred millimeter) aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.000 Number	50.00	Rupees Fifty Only	Each	100.00
17	Providing and fixing 150x10mm (one hundred fifty into ten millimeter) aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.000 Number	60.00	Rupees Sixty Only	Each	120.00
18	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (Three hundred into three hundred millimeter) (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (one cement isto four Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm (at the rate of three point three kilogram per square metre) including pointing the joints with white cement and matching pigment etc., complete. upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	6.250 Square metre	1050.00	Rupees One Thousand Fifty Only	Per square metre	6563.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
19	Providing and fixing 1st quality ceramic glazed floor tiles of size 300x600mm/300x450mm (Three hundred millimetre into six hundred millimetre oblique three hundred millimetre into four hundred fifty millimetre) conforming to IS : 15622 (thickness to be specified by the manufacturer) make of Kajaria/NITCO/ Somany/ Orient/RAK/ Johnson & Johnson of required color and shade in skirting, risers of steps and dados over 12mm (twelve millimetre) thick bed of cement Mortar 1:3 (one cement isto three coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm (at the rate three point three kilogram per square metre) including pointing in white cement mixed with pigment of matching shade complete upto all floor levels as per CPWD specifications 2019 and as per direction and entire satisfaction of the Engineer in charge including entire carriage of materials with in all leads, lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	8.000 Square metre	1100.00	Rupees One Thousand One Hundred Only	Per square metre	8800.00
20	Providing and fixing 110mm (one hundred ten millimeter) diameter on wall face unplasticised Rigid PVC rain water single socketed pipes of approved brand make of Finolex/ Supreme/ AKG/ Prince/ Kisan/ SFMC/Diplast conforming to IS: 13592, Type A of working pressure not less than 4.5 kg/sq. cm (four point five kilogramme per square centimeter) including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, filling the joints with approved adhesive complete upto any height as per CPWD specifications 2019 and as directed by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.000 Running meter.	200.00	Rupees Two Hundred Only	Per Running meter.	1000.00
21	6mm (six millimetre) thick cement plaster 1:3 (one cement to three fine sand) finished with a floating coat of neat cement and thick coat of Lime wash on top of walls when dry for bearing of R.C.C. slabs and beams in all height/ in all floor level as per CPWD specifications 2019 and direction and entire satisfaction of the Engineer in charge. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	6.250 Square metre	180.00	Rupees One Hundred Eighty Only	Per square metre	1125.00
22	15mm (fifteen millimeters) cement plaster in single coat on rough side of brick/concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm (eighty millimeters) in girth and finished even and smooth in cement mortar 1:4 (one cement: six sand) as directed by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	22.000 Square meter	220.00	Rupees Two Hundred Twenty Only	Per Square meter	4840.00
23	12mm (twelve millimeters) thick cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm (eighty millimeters) in girth and finished even and smooth in cement mortar 1:4 (one cement: six sand) as directed by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	24.000 Square meter	200.00	Rupees Two Hundred Only	Per Square meter	4800.00
24	Distempering (two or more coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including water thinnable priming coat with cement primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth, priming coat with distemper primer as per CPWD specifications 2019 and as directed by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	24.000 Square meter.	85.00	Rupees Eighty Five Only	Per Square meter.	2040.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
25	Finishing walls with Acrylic Smooth exterior paint of required shade with Nerolac/Asian/Berger make new work (Two or more coat applied @ 1.67 ltr/10 sqm (one point sixty seven liter per ten square meter) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm (two point twenty kilogram per ten square meter) in all floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	22,000 Square meter	95.00	Rupees Ninety Five Only	Per Square meter	2090.00
26	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL- PE Composite Pressure 1216 (16 mm OD) pipe internal work exposes on wall Kitech make conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers and connectors etc., with clamps at 1.00 (one point zero zero) metre spacing. This includes testing of joints complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	10,000 Running Metre	370.00	Rupees Three Hundred Seventy Only	Per Running Metre	3700.00
27	Providing and fixing water closet squatting pan (Indian type W.C. pan CERA, HINDWARE, PARRYWARE, mak) with 100 mm (One hundred millimeter) sand cast Iron P or S trap, 10 (ten) litre low level white P.V.C. (poly vinyl chloride) flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231 (Indian standard seven thousand two hundred thirty one), with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. (water closet) pan of size type foot rests 580x440 mm (Five hundred eighty into four hundred forty millimeter) with integral complete at all floor including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	1,000 Number	3550.00	Rupees Three Thousand Five Hundred Fifty Only	Each	3550.00
28	Providing and fixing white vitreous china pedestal type water closet (European type of CERA,HINDWARE,PARRYWARE, make) with soft closing seat and lid, 10 (ten) litre low level white vitreous china flushing cistern CERA,HINDWARE,PARRYWARE make)and C.P. flush bend with fittings and C.I. brackets, 40 mm (forty millimetre) flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid hindware or cera EWC No 20049 (twenty thousand forty nine) Snow White Shade including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	2,000 Number	4000.00	Rupees Four Thousand Only	Each	8000.00
29	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin approved quality Parryware, Hindware, Sanitware, Nyce, Cera make of 430x260x350 mm (four hundred thirty into two hundred sixty into three hundred fifty millimeter) or 340x410x265 mm (three hundred forty into four hundred ten into two hundred sixty five millimeter) sizes respectively as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1,000 Number	1850.00	Rupees One Thousand Eight Hundred Fifty Only	Each	1850.00
30	Providing and fixing white vitreous china pedestal (CERA, Parryware, Hindware, Sanitaryware) for wash basin completely recessed at the back for the reception of pipes and fittings including entire carriage of material with in all leads, lifts, drawings, technical specifications as per direction by Engineer-in-Charge including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	2,000 Numbers	1250.00	Rupees One Thousand Two Hundred Fifty Only	Each	2500.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
31	Providing and fixing PTMT grating round of approved quality and colour of Prayag, Viking make 100mm dia as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	3.000 Numbers	50.00	Rupees Fifty Only	Each	150.00
32	Providing and fixing 15mm (fifteen millimetre) dia C.P.(chrome plated) brass bib cock of approved quality conforming to IS : 8931 (Indian standard : eight thousand nine hundred thirty one) :15mm (fifteen millimeter) nominal bore complete upto floor all level including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	2.000 Numbers	650.00	Rupees Six Hundred Fifty Only	Each	1300.00
33	Providing and fixing 15mm (fifteen millimetre) dia C.P.(chrome plated) brass bib long body bib cock of approved quality conforming to IS (indian standard)standards and weighing not less than 810 gms (eight hundred ten grams)complete upto floor all level including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	3.000 Numbers	700.00	Rupees Seven Hundred Only	Each	2100.00
34	Providing and fixing 15mm (fifteen millimetre) dia C.P.(chrome plated) brass pillar cock of approved quality conforming to IS : 8931.15 (Indian standred : eight thousand nine hundred thirty one point fifteen) :15mm (fifteen millimeter) nominal bore complete upto floor all level including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	3.000 Numbers	950.00	Rupees Nine Hundred Fifty Only	Each	2850.00
35	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank Sintex make tripple layer 500 (Five hundreded) litre capacity including all fittings as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.000 Numbers	4250.00	Rupees Four Thousand Two Hundred Fifty Only	Each	4250.00
	TOTAL					194398.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 286364/-
 Earnest Money: Rs. 5700/-
 Time Limit : Three Month

Name of Work:- VKV/2024/180, Repair & Restoration of Rain Damages on C/O Link road to Village Dangoh in G.P. Dangoh Khas km. 0/0 to 3/0. (SH:- Construction of Edge wall near society & Police station)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	35.44 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	6379.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	75.94 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	273384.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	30.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	6600.00
	TOTAL					286363.00


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 286803/-
Earnest Money: Rs. 5700/-
Time Limit : Three Month

Name of Work:- VKV/2024/181, Repair & Restoration of Rain Damages on Link road Ganu Mandwara in G.P. Ganu Mandwara km. 0/0 to 2/0. (SH:- Construction of Edge wall near Govt. school Ganu)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	35.44 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	6379.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	75.94 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	273384.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical: twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	32.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	7040.00
TOTAL						286803.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 287683/-
 Earnest Money: Rs. 5800/-
 Time Limit : Three Month

Name of Work:- VKV/2024/182, Repair & Restoration of Rain Damages on Link road to village Kuneran Railway Station in G.P. Kuneran km. 0/0 to 3/0. (SH:- Construction of Edge wall near Govt. school Kuneran)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	35.44 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	6379.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	75.94 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	273384.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	36.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	7920.00
	TOTAL					287683.00
	Quoted Rate in Figure	% above/below				
	Quoted Rate in Words					

Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499654/-
Earnest Money: Rs. 10000/-
Time Limit : Three Months

Name of Work:- Restoration of Rain Damages on link road Gondpur Banehra to Ghanari km 0/0 to 3/300, (SH- P/L Interlocking Concrete Paver Block and V-Drain between Km 0/000 to 0/400)

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	36.75 Cubic metre.	250.00	Rupees Two Hundred Fifty Only	Per cubic metre	9188.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of -150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	45.00 Cubic metre.	130.00	Rupees One Hundred Thirty Only	Per cubic metre	5850.00
3	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	45.00 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	67500.00
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	18.125 Cubic metre	4000.00	Rupees Four Thousand Only	Per Cubic metre	72500.00

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or	6.00 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	21600.00
6	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.12 Cubic metre.	4300.00	Rupees Four Thousand Three Hundred Only	Per cubic metre	65016.00
7	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals.	300.00 Square metre	860.00	Rupees Eight Hundred Sixty Only	Per Square metre	258000.00
		Total Amount				499654.00
		Quoted Rate in Figure		% above/below		
		Quoted Rate in Words				


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 498768/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month

Name of Work:-C/O on Link road Nangal Jarialan to Brahampur via Village Harbal in G.P. Gondpur Banehra Lower Km 0/0 to 2/0, (SH:- Construction of 900mm dia RCC Hume pipe culvert at RD

07/15 and 07/80) Under MNP

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.80 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	8604.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	34.56 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	124416.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	5.02 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	19076.00
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) with minimum Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate 40mm (forty millimeter nominal size) in substructure, in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, in Abutments, Return wall, toe wall and the like etcetera including cost of form work and curing complete as per CPWD specification 2019 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	27.16 Cubic metre	4200.00	Rupees Four Thousand Two Hundred Only	Per Cubic metre	114072.00
5	Providing and laying (to level or slope) 900mm dia (Nine hundred millimeter) diameter reinforced cement concrete light duty non pressure pipes IS Class NP-2 for culverts on first class bedding or granular material in single row including fixing collar with cement mortar 1:2 (One cement isto two sand) but excluding the cost of excavation, protection works, back filling, pipe bedding concrete and masonry work in head walls and parapets as per drawing and M.O.R.D. technical specifications clause 1101.5 and as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, Malkhana, GST, toll tax, sale tax or other taxes imposed by the Government.	20.00 Running Metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Running Metre	76000.00
6	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	54.00 Cubic metre	2900.00	Rupees Two Thousand Nine Hundred Only	Per Cubic metre	1,56,600.00
TOTAL						498768.00
Quoted Rate in Figure			% above/below			
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499879/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month.

Name of Work:- C/O link road from Loharli to Harizan Basti Mohalla Dharamshala in Gram Panchayat Loharli Km. 0/0 to 2/100, (SH:- C/O 3.00 Mtr. Span RCC slab culvert at RD 0/695)

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
		Figures	Words				
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	32.950	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	5931.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	22.746	Cubic metre.	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	81886.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) with minimum Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate (40mm) forty millimeter nominal size) in substructure, in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, in Abutments, toe walls, Parapets and the like etcetera including cost of form work and curing complete as per CPWD specification 2019 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	64.920	Cubic metre	4100.00	Rupees Four Thousand One Hundred Only	Per cubic metre	266172.00

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
4	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 20 (M-Twenty) designed mix with minimum cement contents of 340 kg. (Three hundred forty kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in Bed Block, Dirt wall and the like etcetera up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	3.128	Cubic metre	4350.00	Rupees Four Thousand Three Hundred Fifty Only	Per Cubic metre	13607.00
5	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 25 (M-Twenty Five) designed mix with minimum cement contents of 400 kgs. (four hundred kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in Deck slab and the like up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	7.752	Cubic metre	6100.00	Rupees Six Thousand One Hundred Only	Per Cubic metre	47287.00
6	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and as per CPWD specification 2019 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	870.400	Kg	90.00	Rupees Ninety Only	Per Kg	78336.00
7	Back filling behind abutment, Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per CPWD specifications 2019 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.800	Cubic metre	700.00	Rupees Seven Hundred Only	Per Cubic metre	3360.00
8	Providing and laying 100mm (One Hundred millimeter) diametre PVC pipe Weep Holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra, extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per CPWD specification 2019 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.000	Number	220.00	Rupees Two Hundred Twenty Only	Each	3300.00
TOTAL							499879.00
Quoted Rate in Figure		% above/below					
Quoted Rate in Words							


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499029/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month

e of Work:-C/O link road from Loharli to Harizan Basti Mohalla Dharamshala in Gram Panchayat Loharli Km. 0/0 to 2/100, (SH):- Construction of 900mm dia RCC Hume pipe culvert at RD 0/820 and Paver Block at Various Rd,S) Under MNP

Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
		Figures	Words		
Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	80.16 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	14429.00
Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	34.56 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	124416.00
Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	11.21 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	42598.00
Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) with minimum Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate (40mm) forty millimeter nominal size) in substructure, in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, in Abutments, Return wall, toe wall and the like etcetera including cost of form work and curing complete as per CPWD specification 2019 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	13.58 Cubic metre	4200.00	Rupees Four Thousand Two Hundred Only	Per Cubic metre	57036.00

Sub-Head and Items of work				
Quantity	Rates in		Unit	Amount
	Figures	Words		
Providing and laying (to level or slope) 900mm dia (Nine hundred millimeter) diameter reinforced cement concrete light duty non pressure pipes IS Class NP-2 for culverts on first class bedding or granular material in single row including fixing collar with cement mortar 1:2 (One cement isto two sand) but excluding the cost of excavation, protection works, back filling, pipe bedding concrete and masonry work in head walls and parapets as per drawing and M.O.R.D. technical specifications clause 1101.5 and as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, Malkana, GST, toll tax, sale tax or other taxes imposed by the Government.	7.50 Running Metre	Rupees Three Thousand Eight Hundred Only	Per Running Metre	28500.00
Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	31.50 Cubic metre.	Rupees One Thousand Five Hundred Only	Per cubic metre	47250.00
Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	210.00 Squire metre	Rupees Eight Hundred Eighty Only	Per Squire metre	1,84,800.00
TOTAL				499029.00
Quoted Rate in Figure				% above/below
Quoted Rate in Words				


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 476792/-
Earnest Money: Rs. 9600/-
Time Limit : Three Month

Name of Work:- Repair & Restoration of Rain Damages on Link road from Marwari to Joh via Sindhani Km 0/0 to 3/00. (SH:- Construction of Breast/Edge wall from RD 1/485 TO 1/510, 2/250 to 2/270 and 2/305 to 2/325)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	30.71 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	5528.00
2	Providing and laying mechanically mixed and vibrated concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	127.24 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	458064.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	60.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	13200.00
TOTAL						476792.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 498953/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on link road Karluhi Athmah Km 0/0 to 4/600, (SH:- C/O U Shape Drain & Cover at Various RD,s)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	126.23 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	22721.00
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	117.30 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	445740.00
3	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M25 (M-Twenty Five) designed mix with minimum cement contents of 400 kgs. (four hundred kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in drain slab and the like up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	2.52 Cubic metre	6100.00	Rupees Six Thousand One Hundred Only	Per cubic metre	15372.00
4	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and MORTH technical specifications section 1600 and 2300 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rate including of Octroi, Royalty, Malkhana, Toll Tax, Sale Tax or other Taxes imposed by the Government.	168.00 Kg	90.00	Rupees Ninety Only	Per Kilogram	15120.00
TOTAL						498953.00
Quoted Rate in Figure			% above/below			
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

23

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499138/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months

Name of Work:- C/O & M/T road from Cylinder Factory Deoli to Seriwala Mohalla in Gram Panchayat Deoli Km. 0/0 to 0/870, (SH:- P/L Interlocking Concrete Paver Block and Drain in Km 0/200 to 0/270) Under MNP

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	56.70	180.00	Rupees One Hundred Eighty Only	Per cubic metre	10206.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	31.50	120.00	Rupees One Hundred Twenty Only	Per cubic metre	3780.00
3	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	30.00	240.00	Rupees Two Hundred Forty Only	Per cubic metre	7200.00
4	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depts, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	57.40	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	206640.00

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	12.38	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	47044.00
6	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	8.58	4600.00	Rupees Four Thousand Six Hundred Only	Per cubic metre	39468.00
7	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimeter) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimeter) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	210.00	880.00	Rupees Eight Hundred Eighty Only	Per square metre	184800.00
		Total Amount		499138.00		
		Quoted Rate in Figure		% above/below		
		Quoted Rate in Words				


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 148176/-
Earnest Money: Rs. 3000/-
Time Limit : Three Month

to Existing solid causeway

Name of Work:-Repair & Restoration of Rain Damages on Link road to village Ganu Km 0/0 to 3/450, (SH:- Construction of wire crates & Edge wall to Existing solid causeway near G.P.S. Ganu Mandwara)

Sub-Head and Items of work						
Sr. No.		Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	13.20 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	2376.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	14.40 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	51840.00
3	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	32.40 Cubic metre	2900.00	Rupees Two Thousand Nine Hundred Only	Per Cubic metre	93,960.00
TOTAL						148176.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499477/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months

Name of Work:- C/o link road from Guglehar to Oel upper road (RD 6/620) to link with Gagret Oel Ispur road upto Vety. Dispensary Kuthera Jaswalana Km 0/0 to 1/000, (SH-P/L Interlocking Concrete Paver Block and Retaining wall between Km 0/050 to 0/300) Under MNP

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed variety of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	24.00 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	4320.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	22.50 Cubic metre.	130.00	Rupees One Hundred Thirty Only	Per cubic metre	2925.00
3	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	22.50 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	33750.00
4	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes	52.56 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	189216.00

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the	27.50 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	104500.00
6	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size complete as per drawing and CPWD specification 2019 including cost of form work and curing and sub-soil water) and removal of the slush which may arise at the time of laying under water/dewatering (surface and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	7.62 Cubic metre	4300.00	Rupees Four Thousand Three Hundred Only	Per cubic metre	32766.00
7	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimeter) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimeter) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	150.00 Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	132000.00
		Total Amount		499477.00		
		Quoted Rate in Figure		% above/below		
		Quoted Rate in Words				


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

26

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499980/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month

Name of Work:-C/O & M/T link road from Kaloh to Ward No. 3 Jodi Bala Mohalla in G.P. Kaloh Km. 0/0 to 1/100, (SH:- Construction of 900mm dia RCC Hume pipe culvert at RD 0/120 and Retaining wall RD 0/070 to 0/105) Under MNP

Name of Work:-C/O & M/T link road from Kaloh to Ward No. 3 Jodi Baia Moriana in G.P. Moriana, Jodi Baia Moriana, J						
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Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 218096/-
Earnest Money: Rs. 4400/-
Time Limit : Three Month

Name of Work:- C/O & M/T link road Pirthipur Bridge to Faquiti Mohalla under GP Raipur Km. 0/0 to 2/800. (SH:- Construction of Edge wall from RD 0/0 to 0/030 and 0/320 to 0/360) Under SCDP

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	16.80 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	3024.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	58.52 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	210672.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	20.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	4400.00
TOTAL						218096.00
Quoted Rate in Figure			% above/below			
Quoted Rate in Words						


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 499590/-
Earnest Money :-Rs. 10000/-
Time Limit :- Three Month.

Name of Work:- C/o Link road Village Harwal upto House of Shaheed Satish Kunar Km 0/0 to 1/000, (SH:- Construction of Embalment Filling, GSB, WMM, Metalling & Tarring in Km. 0/620 to 0/800 and Retaining wall at various RD,s) Under MMSY 2024-25

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	3.30 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	594.00
2	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of materials necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	97.50 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	23400.00
3	Construction of granular sub-base consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	62.81 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	69091.00

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-Charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	69.75 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	104625.00
5	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	450.00 Square metre	50.00	Rupees Fifty Only	Per square metre	22500.00
6	Providing and applying tack coat with bitumen emulsion RS-I , including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	450.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	8100.00
7	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	450.00 Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	83250.00
8	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	450.00 Square metre	75.00	Rupees Seventy Five Only	Per square metre	33750.00

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
9	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement to four sand to eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	23.80 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	85680.00
10	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less than 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 No.s	220.00	Rupees Two Hundred Twenty Only	Each	2200.00
11	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	14.40 Cubic metre	2900.00	Rupees Two Thousand Nine Hundred Only	Per Cubic metre	41760.00
12	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	28.00 Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	24640.00
	TOTAL					499590.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

29

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499756/-
Earnest Money: Rs. 10000/-
Time Limit : Three Months.

Name of Work:-C/o Link road from Saghna Kala Panga road to Abadi of Shiv Kumar Kala Panga Km. 0/0 to 0/500, (SH:- Construction of Cutting/Filling, GSB, WMM, Metalling & Tarring and Drain work Km 0/220 to 0/400) Under MMSY 2024-25

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.390	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	790.00
2	Preparation and consolidation of sub grade with power road roller of 8 (eight) to 12 (twelve) tonne capacity after excavating earth to an average of 22.5 cm (twenty two point five centimeter depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with any lead as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	600.000	Square metre	93.50	Rupees Ninety Three And Paise Fifty Only	Per square metre	56100.00
3	Construction of gravel/soil aggregate sub base/base by providing well graded material of nominal maximum size grading 80mm (eighty millimetre) as per table 2.3 of IRC SP 77-2008, spreading in uniforms layers with tractor mount appropriate grading arrangements on prepared surface, mixing by mix in place method at OMC with tractor mount appropriate rotavator attachment and compaction with three wheel 80-100 KN static roller capacity to achieve the desired complete as per CPWD specifications 2019 contained in para 2.2, 3.6 and 3.7 of IRC SP-77-2008 and as per the direction of Engineer-in -Charge including carriage of material within all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	75.000	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	82500.00
4	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM)specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical paverfinisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	90.000	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	135000.00
5	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure-distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	560.000	Square metre	50.00	Rupees Fifty Only	Per square metre	28000.00

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	560.000	Square metre	18.00	Rupees Eighteen Only	Per square metre	10080.00
	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/fourty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	560.000	Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	103600.00
6	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	560.000	Square metre	75.00	Rupees Seventy Five Only	Per square metre	42000.00
7	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.970	Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Square metre	41686.00
	TOTAL		Number				499756.00
				% above/below			
				Quoted Rate in Figure			
				Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 499866/-
Earnest Money :-Rs. 10000/-
Time Limit :- Three Month.

Name of Work:- C/o Link road from Ram Mandir on Gagret Amb road to Abadi Dadwal, Loharan and Batian, Village Andoura, (SH:- Construction of Embakment filling, GSB, WMM, Metalling & Tarring, Drain and Retaining wall) Under MMSY 2024-25

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	8.800	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1584.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	142.500	240.00	Rupees Two Hundred Forty Only	Per cubic metre	34200.00
3	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	13.500	120.00	Rupees One Hundred Twenty Only	Per cubic metre	1620.00
4	Construction of granular sub-base by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	50.625	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	55688.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	55.690	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	83535.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	371.250	Square metre	50.00	Rupees Fifty Only	Per square metre	18563.00
7	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	371.250	Square metre	18.00	Rupees Eighteen Only	Per square metre	6683.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing course on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	68681.00
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	75.00	Rupees Seventy Five Only	Per square metre	27844.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.600	Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	171360.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	0.860	Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	3268.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less than 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	14.000	Number	220.00	Rupees Two Hundred Twenty Only	Each	3080.00
13	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	27.00	Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	23760.00
	TOTAL						499866.00
	Quoted Rate in Figure			% above/below			
	Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

31

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 499985/-

Earnest Money :-Rs. 10000/-

Time Limit :- Three Month.

Name of Work:- C/o Link road NH-70 to ward no. 4 & 5 to Chaudhary Kalruhi Km 0/0 to 3/000, (SH:- Construction of Embakment filling, GSB, WMM, Metalling & Tarring and Retaining wall Km 0/215 to 0/400) Under MMSY 2024-25

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	9.460	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1703.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	142.500	240.00	Rupees Two Hundred Forty Only	Per cubic metre	34200.00
3	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	13.500	120.00	Rupees One Hundred Twenty Only	Per cubic metre	1620.00
4	Construction of granular sub-base by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	50.625	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	55688.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	55.690	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	83535.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	371.250	Square metre	50.00	Rupees Fifty Only	Per square metre	18563.00
7	Providing and applying tack coat with bitumen emulsion RS-I , including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	371.250	Square metre	18.00	Rupees Eighteen Only	Per square metre	6683.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/fourty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	68681.00
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	75.00	Rupees Seventy Five Only	Per square metre	27844.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.600	Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	171360.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	0.860	Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	3268.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty-Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	14.000	Number	220.00	Rupees Two Hundred Twenty Only	Each	3080.00
13	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	27.00	Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	23760.00
	TOTAL						499985.00
	Quoted Rate in Figure			% above/below			
	Quoted Rate in Words						


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 499545/-
 Earnest Money :-Rs. 10000/-
 Time Limit :- Three Month.

Name of Work:- C/o Link road Amlehar Harijan Basti Km 0/0 to 0/500, (SH:- Construction of Embakment filling, GSB, WMM, Metalling & Tarring and Retaining wall Km 0/210 to 0/410) Under MMSY 2024-25

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
		Figures	Words				
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	9.460	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1703.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	142.500	Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	34200.00
3	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	13.500	Cubic metre.	120.00	Rupees One Hundred Twenty Only	Per cubic metre	1620.00
4	Construction of granular sub-base by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	50.625	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	55688.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	55.690	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	83535.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	371.250	Square metre	50.00	Rupees Fifty Only	Per square metre	18563.00
7	Providing and applying tack coat with bitumen emulsion RS-I , including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	371.250	Square metre	18.00	Rupees Eighteen Only	Per square metre	6683.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	185.00	Rupees One Hundred Eighty Five Only	Per square metre	68681.00
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	371.250	Square metre	75.00	Rupees Seventy Five Only	Per square metre	27844.00

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.600	Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	171360.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	0.860	Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	3268.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plas/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	12.000	Number	220.00	Rupees Two Hundred Twenty Only	Each	2640.00
13	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	27.00	Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	23760.00
	TOTAL						499545.00
				% above/below			
				Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 495108/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months

Name of Work:- C/O & M/T road from Cylinder Factory Deoli to Seriwala Mohalla in Gram Panchayat Deoli Km. 0/0 to 0/870, (SH:- C/O Edge wall at Km 0/030 to 0/200) Under MNP

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	30.60	180.00	Rupees One Hundred Eighty Only	Per cubic metre	5508.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	136.00	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	489600.00
		Total Amount				495108.00
		Quoted Rate in Figure		% above/below		
		Quoted Rate in Words				


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499188/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months

Name of Work:- Construction of link road Mistry Mohalla Ward No. 5 in Gram Panchayat Nangal Jariyalan Km 0/00 to 0/500, (SH:- P/L Interlocking Concrete Paver Block and Drain in Km 0/160 to 0/280) Under MNP

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	58.20	180.00	Rupees One Hundred Eighty Only	Per cubic metre	10476.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	45.00	120.00	Rupees One Hundred Twenty Only	Per cubic metre	5400.00
3	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	37.50	240.00	Rupees Two Hundred Forty Only	Per cubic metre	9000.00
4	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical paverfinisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	30.00	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	45000.00

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	22.40 Cubic metre.	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	80640.00
6	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	12.38 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	47044.00
7	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	8.18	4600.00	Rupees Four Thousand Six Hundred Only	Per cubic metre	37628.00
8	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimeter) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimeter) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	300.00 Squire metre.	880.00	Rupees Eight Hundred Eighty Only	Per squire metre	264000.00
			Total Amount			499188.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

BILL OF QUANTITY

Estimate Cost :- Rs.499500/-
Earnest Money :-Rs.10000/-
Time Limit :- Three Month.

Name of work:-Repair & Restoration of Rain Damages on Link road to Village Kaloh from Gagret Oel Ipur road Km 0/0 to 3/750 , Link road to Village Badoh from Gagret Oel Ispur road Km. 0/0 to 2/800 and Link road Harijan Basti Tatehra Km.0/0 to 1/500, (SH):- Repair to pot Hole at various RD,s)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	12.80 Cubic meter	1500.00	Rupees One Thousand Five Hundred Only	Per Cubic meter	19200.00
2	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	128.00 Square metre	50.00	Rupees Fifty Only	Per Square meter	6400.00
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (Twenty millimetre) thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1. and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	1692.50 Square metre	280.00	Rupees Two Hundred Eighty Only	Per Square meter	473900.00
TOTAL						499500.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						


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Daulatpur Chowk.