

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No. PWD/DPD/CB-Tender/2023- 3072-73

Dated:- 27-09-2024

To

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

Subject: -
Sir,

Publishing of tender Notice.

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- 3065-71 dated 27-9-2024 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 : 05.10.2024 up to 04.00 PM
 Date and time of issue/sale of tender forms against cash Payment : 07.10.2024 from 02.00 PM to 5.00 PM
 Date and time of receipt of tenders : 08.10.2024 up to 11.00 AM
 Date and time of opening of tenders : 08.10.2024 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 Additional accommodation Govt. Sr. Secondary School Pirthipur Distt. Una (H.P) (SH: C/O Boundary wall)	487642.00	9800.00	Three Month	350-	Class-D
2	Repair & Restoration of rain damaged on Link road to Saghnai Kala Panga Km. 0/0 to 6/26 (SH:- Construction of Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring and Drain for approach road to Harijan Abadi Kala Panga)	499976.00	10000.00	Three Month	350-	Class-D
3	Balance work for C/O 20.00 mtr Bridge over Jadla Khad at RD 3/900 on link road Jadla Pratham to Nara Dukki km. 0/0 to 8/0 (SH- Construction of Retaining wall bridge approaches Nara Dukki side D/S) under SCDP	498929.00	10000.00	Three Month	350-	Class-D
4	Repair & Restoration of Rain Damages on link Road Harijan Basti Dangoh Km 0/0 to 1/100 and link Road Bhaderkali to Pirthipur via Dangoh Khas Km 0/0 to 4/600, (SH- Construction of Protection Wall & Drain near House of Sh. Harmesh Singh Rana in G.P. Dangoh Khas at Km 0/005 to 0/020 and Protection Wall & Drain near House of Sh. Bishan Dutt in G.P. Dangoh Khas at Km 3/210 to 3/235)	466028.00	9300.00	Three Month	350-	Class-D
5	Balance work for C/O 20.00 mtr Bridge over Jadla Khad at RD 3/900 on link road Jadla Pratham to Nara Dukki km. 0/0 to 8/0 (SH- Construction of Retaining wall bridge approaches Nara Dukki side U/S) under SCDP	499904.00	10000.00	Three Month	350-	Class-D
6	Balance work C/O Veterinary Dispensary building at Saloh Beri, Tehsil Ghanari Distt. Una (H.P) (SH:-C/o Aluminum work for doors, windows, ventilators and Wall Putty & G.I. Chain link fabric fencing)	495547.00	9900.00	Three Month	350-	Class-D
7	C/o & M/T Ambulance road from Gagret Oel Ispur Road Km 8/785 to Abadi Mehta, Bazigaran and Labana in G.P Kuthehra Jaswalan Km 0/0 to 1/800 (SH:- Construction of 2.75/5.00 mtr wide Jeepable road Cutting/Filling, GSB, Metalling & Tarring in Km. 0/0 to 0/200) Under MNP	499669.00	10000.00	Three Month	350-	Class-D
8	C/O & M/T road from Cylinder Factory Deoli to Seriwala Mohalla in Gram Panchayat Deoli Km. 0/0 to 0/870, (SH:- Construction of 2.75/5.00 mtr wide Jeepable road Cutting/Filling, GSB, Metalling & Tarring in Km. 0/0 to 0/200) Under MNP	499966.00	10000.00	Three Month	350-	Class-D
9	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 2.75/5.00 mtr wide Jeepable road Cutting/Filling, GSB, Metalling & Tarring in Km. 0/0 to 0/200) Under MNP	499775.00	10000.00	Three Month	350-	Class-D
10	Repair & Restoration of Rain Damages on link road Daulatpur to Behra road Km. 0/0 to 5/075, (SH:- C/O Retaining wall in N.P. Daulatpur Chowk at RD. 0/720 to 0/740)	406800.00	8200.00	Three Month	350-	Class-D

11	Construction of Link road Nangal Jarialan to Brahampur via Village Harbal in G.P. Gondpur Banehra Lower Km 0/0 to 2/0, (SH:- Construction of Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring and Drain for approach road to Shahid Sh. Satish Kumar Village Harbal (220mtr Length) Under MNP computer code 2009-307-560.	499928.00	10000.00	Three Month	350-	Class-D
12	Restoration of Rain Damages on Link Road Nangal Jarialan to Khan Tilla via Mohalla Dadhwala Gondpur Banehra Nangal Jarialan, (SH:- C/o Causeway near Dadhwala Mohalla)	447318.00	9000.00	Three Month	350-	Class-D
13	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 (Crate & Toe wall) in Mandwara Khad Bridge D/S in G.P. Ganu Mandwara at RD 71/410 to 71/440	498384.00	10000.00	Three Month	350-	Class-D
14	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 (Crate & Toe wall) in Mandwara Khad Bridge D/S in G.P. Ganu Mandwara at RD 71/440 to 71/470	497250.00	9000.00	Three Month	350-	Class-D
15	Restoration of Rain Damages on Link Road Nangal Jarialan to Khan Tilla via Mohalla Dadhwala Gondpur Banehra Nangal Jarialan, (SH:- C/o Causeway near Dadhwala Mohalla abadi)	446626.00	9000.00	Three Month	350-	Class-D
16	Restoration of Rain Damages on NMT road from Mubarikpur to Marwari Km. 54/675 to 72/555, (SH: Maintenance of Earthen shoulder Dressing of berms and Making loss of material on shoulders Km 55/000 to 72/555)	495800.00	10000.00	One Month	350-	Class-D
17	Construction of Link road Nangal Jarialan to Brahampur via Village Harbaal in G.P. Gondpur Banehra Lower Km 0/0 to 2/0 (SH:- Construction of Cutting/Filling, Subgrade, GSB, WMM, Metaling & Tarring and Drain for approach road to Shahid Sh. Satish Kumar Village Harbal (200mtr Length) Under MNP computer code 2009-307-560.	499748.00	10000.00	Three Month	350-	Class-D
18	C/o building of Govt. ITI Gagret at Bhaderkali Tehsil Ghanari Distt. Una (H.P), (SH:- Construction of External Road Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring in Km. 0/0 to 0/140) Deposit work	498533.00	10000.00	Three Month	350-	Class-D
19	SDF/2024/82, R/O (Repair of) Rain Damages on Link Road Jamun wala Mod to Harijan Basti Mawa Sindhian in G.P. Mawa Sindhian Km 0/0 to 2/000, Link Road to Village Loharli in G.P. Loharli Km 0/0 to 1/800 (SH:- Repair of Pot Holes due Crust damage at various RD,s) Under DC Deposit	285086.00	5700.00	Three Month	350-	Class-D
20	C/o building of Govt. ITI Gagret at Bhaderkali Tehsil Ghanari Distt. Una (H.P), (SH:- Construction of External Road Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring in Km. 0/140 to 0/180) Deposit work	498974.00	10000.00	Three Month	350-	Class-D
21	SDF/2024/85, R/O (Repair of) Rain Damages on Link Road Harijan Basti Amboa in G.P. Amboa km. 0/0 to 2/0 (SH:- Re-laying with WMM, Metalling & Tarring due to road crust damage in Km. 1/480 to 1/650) Under DC Deposit	378230.00	7600.00	Three Month	350-	Class-D
22	A/R & M/O HPPWD Rest house at Daulatpur Chowk Distt. Una, (SH:-Providing and fixing Granite in rest House Verndah, Chequerred precast cement concrete tiles in Porch, Kerb and aluminium work for Main door)	465735.00	9300.00	Three Month	350-	Class-D
23	Balance work C/o Badminton Court & Basket ball Court at Govt. Sr. Sec. School Mawa Kohlan Tehsil Ghanari Distt. Una, (SH- P/L Interlocking Concrete Paver Block in School Ground) Deposit work	261878.00	5300.00	Three Month	350-	Class-D
24	C/O Link road Harijan Basti Saloh Beri to Saloh in Gram Panchayat Saloh Km. 0/0 to 3/500, (SH:- Construction of	351906.00	7100.00	Three Month	350-	Class-D

25	A/R & M/O Non-Residential building under HPPWD Daulatpur Chowk (SH: Providing and installation of computer system with UPS, Printers)	243776.00	4900.00	One Month	350-	Class-D
26	Balance work C/o link Lohara Basti to Durga Mata Mandir on Saloh Beri road Km 0/0 to 1/350 (SH:- Construction of Crate wall in approaches road at Km. 0/305) Under MNP	487484.00	9800.00	Three Month	350-	Class-D
27	Improvement of Road safety on Link road T05 HP Boundary Thaplan Km 0/0 to 5/960, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 0/120 to 0/160) Under Road safety	238858.00	4800.00	Three Month	350-	Class-D
28	Improvement of Road safety on Link road T05 HP Boundary Thaplan Km 0/0 to 5/960, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 2/300 to 2/330) Under Road safety	190845.00	3800.00	Three Month	350-	Class-D
29	Improvement of Road safety on Link road to Sanghnai kala Panga km 0/00 to 6/260, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 5/800 to 5/845) Under Road safety	266556.00	5400.00	Three Month	350-	Class-D
30	Improvement of Road safety on Link road Chintpurni to Amlehar via Dhalwari 0/0 to 11/500, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 10/550 to 10/610) Under Road safety	343134.00	6900.00	Three Month	350-	Class-D
31	Repair & Maintenance of Residential building at Police Post Daulatpur Distt. Una (H.P), (SH:-Providing and fixing aluminium doors & windows etc.)	95871.00	2000.00	Three Month	350-	Class-D
32	A/R & M/O Assistant Engineer office building cum Residence at Sub Division Gagret, (SH:- Painting to office building)	207923.00	4200.00	Three Month	350-	Class-D
33	Restoration of Rain Damages on NMT road from Mubarikpur to Marwari (Punjab Boundry) KM 54/675 to 72/555,, (SH- Construction of Retaining wall in slab culvert approach at 70/930)	156282.00	3200.00	Three Month	350-	Class-D

TERMS 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.


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

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

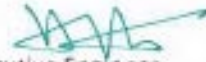
3065-71

Dated: -

27-9-2024

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

1. The Engineer-in-Chief, HPPWD Nirman Bhawan Shimla.
2. The Chief Engineer (H2) 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.

JOB-I

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 487642/-
 Earnest Money: Rs. 9800/-
 Time Limit : Three Month.

Name of Work:-C/o additional accommodation Govt. Secondary School Pirthipur district Una (H.P), (SH:- C/O Boundary wall)

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 fully 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.	42.00 Cubic meter	250	Rupees Two Hundred Fifty Only	Per Cubic meter	10500.00
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 foundations, footings, bases of columns, etc. for mass concrete 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.	100.00 Square meter	265.00	Rupees Two Hundred Sixty Five Only	Per Square meter	26500.00
3	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 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.	31.50 Cubic meter	3850.00	Rupees Three Thousand Eight Hundred Fifty Only	Per Cubic meter	121275.00

	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Providing and laying cement concrete work 1:2:4 (1 Cement:2 Sand:4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in (a) String courses, copings, bed plates, anchor blocks, plain windows sills etc. 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.	1.88 Cubic meter	7800.00	Rupees Seven Thousand Eight Hundred Only	Per Cubic meter	14564.00
5	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 1:6 (one cement into six 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.	3.81 Cubic meter	6655.50	Rupees Six Thousand Six Hundred Fifty Five And Paise Fifty Only	Per Cubic meter	25357.00
6	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (seven point five) in superstructure above plinth level up to floor V level in any floor/height in cement mortar 1:4 (one cement into 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.	180.00 Square metre	747.65	Rupees Seven Hundred Forty Seven And Paise Sixty Five Only	Per square metre	134577.00
7	Painting two coats make of ICI, Nerolac, Berger, Assian Paint, Shalimar (excluding priming coat) on new steel and other metal surfaces with enamel paint other than white brushing to give an even shade including cleaning of all dirt, dust and other foreign matter complete in all 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.	4.95 Square meter	98.00	Rupees Ninety Eight Only	Per Square meter	485.00
8	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.	400.00 Square meter	211.50	Rupees Two Hundred Eleven And Paise Fifty Only	Per Square meter	84600.00

Sub-Head and Items of work		Quantity	Rates in		Unit	Amount
			Figures	Words		
	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equivalent on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete upto 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, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	400.00 Square meter.	110.05	Rupees One Hundred Ten And Paise Five Only	Per Square meter.	44020.00
1	Supplying at site angle iron post and struts of required size including bottom to be split and bent at right angle in opposite direction for 10cm (Ten centimetre) length and drilling holes upto 10mm (Ten millimetre) diameter etcetra as per the direction by the Engineer in charge and including entire 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.	168.00 Kilogram	98.00	Rupees Ninety Eight Only	Kilogram	16464.00
12	Fencing with G.I. barbed wire to angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struttied on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	400.00 Running metre	23.00	Rupees Twenty Three Only	Per running metre	9200.00
						487642.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daultapur Chokk

JOB-2

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499976/-
Earnest Money: Rs. 10000/-
Time Limit : Three Months.

Name of Work:-Repair & Restoration of rain damaged on Link road to Saghnal Kala Panga Km. 0/0 to 6/26, (SH:- Construction of Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring and Drain for approach road to Harijan Abadi Kala Panga)

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 hand 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.	4.39	Cubic metre.	230.00	Rupees Two Hundred Thirty Only	Per cubic metre	1010.00
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.	600.00	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.	75.00	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 paver/finisher 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.	90.00	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	135000.00

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Sub-Head and Items of work

	Quantity	Rates in		Unit	Amount
		Figures	Words		
Providing and applying primer coat with bitumen emulsion (SS-1) 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.	560.00	50.00	Rupees Fifty Only	Per square metre	28000.00
Providing and applying tack coat with bitumen emulsion RS-1, 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.	560.00	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 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.	560.00	180.00	Rupees One Hundred Eighty Only	Per square metre	44800.00
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.	560.00	80.00	Rupees Eighty Only	Per square metre	44800.00

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Sub-Head and Items of work					
		Quantity	Rates in		Unit
			Figures	Words	
		10.97	3800.00	Rupees Three Thousand Eight Hundred Only	Per Square metre
Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement into three sand into 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					
TOTAL		Number	% above/below		
					41686.00
					499976.00

TOTAL

Quoted Rate in Figure

Quoted Rate in Words


Executive Engineer,
HPPWD Division,
Daulatpur Chok

Job-3

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 498929/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month

(SH- Construction of Retaining

Name of Work:- Balance work for C/O 20.00 mtr Bridge over Jadla Khad at RD 31900 on link road Jadla Pratham to Nara Dukki km. 0/0 to 8/0 , wall bridge approaches Nara Duhki side DIS) under SCDP

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation 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.	29.25 Cubic metre	250.00	Rupees Two Hundred Fifty Only	Per cubic metre	7313.00
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.	128.90 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	464040.00
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/Relipipe 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
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the 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	25.20 Cubic metre	780.00	Rupees Seven Hundred Eighty Only	Per cubic metre	19656.00
TOTAL						498929.00
Quoted Rate in Figure			% above/below			
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daultapur Chowk.

Job-4

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 466028/-
Earnest Money: Rs. 9300/-
Time Limit : Three Month

Name of Work:- Repair & Restoration of Rain Damages on link Road Harljan Basti Dangoh Km 0/0 to 1/100 and link Road Bhaderkali to Pirthipur via Dangoh Khas Km 0/0 to 4/600, (SH- Construction of Protection Wall & Drain near House of Sh. Harmesh Singh Rana In G.P. Dangoh Khas at Km 0/005 to 0/020 and Protection Wall & Drain near House of Sh. Bishan Dutt in G.P. Dangoh Khas at Km 3/210 to 3/235)

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.	35.20 Cubic metre	250.00	Rupees Two Hundred Fifty Only	Per cubic metre	8800.00
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.	92.40 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	332640.00
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.	22.00 Cubic metre	3800.00	Rupees Three Thousand Six Hundred Fifty Only	Per cubic metre	83600.00

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Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	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-Plasti/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.	40.00 Number	240.00	Rupees Two Hundred Forty Only	Each	9600.00
5	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the 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.	41.85 Cubic metre	750.00	Rupees Seven Hundred Fifty Only	Per cubic metre	31388.00
	TOTAL					466028.00
			% above/below			
	Quoted Rate in Figure					
	Quoted Rate in Words					


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

J06-5

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499904/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Month

(SH- Construction of Retaining

Name of Work:- Balance work for C/O 20.00 mtr Bridge over Jadla Khad at RD 3/900 on link road Jadla Pratham to Nara Dukki km. 0/0 to 8/0 , (SH- Construction of Retaining wall bridge approaches Nara Dukki side U/S) under SCDP

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation 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.	33.15 Cubic metre	250.00	Rupees Two Hundred Fifty Only	Per cubic metre	8288.00
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.	128.90 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	464040.00
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) diametre PVC pipe make of D-Plas/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	36.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	7920.00
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the 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	25.20 Cubic metre	780.00	Rupees Seven Hundred Eighty Only	Per cubic metre	19656.00
TOTAL						499904.00
Quoted Rate in Figure			% above/below			
Quoted Rate in Words						

Executive Engineer,
 HPPWD Division,
 Daultapur Chokk.

Draft Schedule of Quantity

DBB-6

Estimated Cost: Rs. 495547/-
Earnest Money: Rs. 9900/-
Time Limit: Three Months

Name of Work: - Balance work C/O Veterinary Dispensary building at Sahib Beri, Tehsil Ghanari Distt. Una (H.P.), (SH:-C/o Aluminium work for doors, windows, ventilators and Wall Putty & G.I. Chain link fabric fencing)

	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
	2	3	4	5	6	7
	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.	215.50 Kg	545.00	Rupees Five Hundred Forty Five Only	Per Kilogram	117448
	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.	238.50 Kg	585.00	Rupees Five Hundred Eighty Five Only	Per Kilogram	139523

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Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
		Figures	Words		
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.	12.50 Square metre	850.00	Rupees Eight Hundred Fifty Only	Per square metre.	10625
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.	20.80 Square metre	900.00	Rupees Nine Hundred Only	Per Square metre.	18720
Providing and fixing 12mm (twelve millimeter) thick make of Novapan, Kilply, 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.	11.50 Square metre	950.00	Rupees Nine Hundred Fifty Only	Per Square metre.	10925
Providing and applying white cement based putty of average thickness 1 mm (one millimeter), of approved brand and manufacturer J.K wall Putty/ Brila White Putty, over the plastered wall surface to prepare the surface even and smooth complete upto 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, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	165.50 Square metre	85.00	Rupees Eighty Five Only	Per square metre.	14068
Providing and laying 60mm (sixty millimeter) thick factory made cement concrete interlocking paver block of M -30 (M-thirty) grade NTC make and made by block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern over and including 50mm (fifty millimeter) thick compacted bed of coarse sand, filling the joints with line sand etc. all 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, goods service tax, labour cess or other taxes imposed by the Government.	118.50 Square metre	780.00	Rupees Seven Hundred Eighty Only	Per square metre.	92430

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S. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
		Figures	Words	Figures	Words		
	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 25x25 mm made of G.I. wire of dia 3 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	105.50	Square metre	765.00	Rupees Seven Hundred Sixty Five Only	Per square metre.	80708
	Providing and fixing W.C. pan with ISI marked white solid plastic seat and lid white vitreous china pedestal Paryware, Hindware, Sanitaryware, Neycer Cera make type water closet (European type W.C. pan) with seat and lid, 10 (ten) litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required 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 of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	Numbers	7500.00	Rupees Seven Thousand Five Hundred Only	Each	7500
	Supplying CI cover without frame for manholes for frame of internal dimension 455x610mm (four hundred fifty five into six hundred ten millimeter) rectangular C.I cover (Light duty) single seat pattern, 1, the weight of cover to be not less than 23 kg (twenty three kilogram) 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 of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	3.00	Numbers	1200.00	Rupees One Thousand Two Hundred Only	Each	3600
	Total:-						495547
	Quoted Rate in Figure	% above/below					
	Quoted Rate in Words						


Executive Engineer,
HPPWD Division,
Daultapur Chodhry

Job-7

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499669/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months.

Name of Work: C/o & M/T Ambulance road from Gagret Oel Ispur Road Km 8/785 to Abadi Mehta, Bazigar and Labana in G.P Kuthehra Jaswalan Km 0/0 to 1/800, (SH:- Construction of 2.75/5.00 mtr wide Jeepable road Cutting/Filling, GSB, Metallizing & Tarring in Km. 0/0 to 0/200) Under MNP

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
		Figures	Words	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.	4.95	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	891.00
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.	580.00	Square metre	93.50	Rupees Ninety Three And Paise Fifty Only	Per square metre	54230.00
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.	72.50	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	79750.00
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 paver/finisher 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.	87.00	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	130500.00

Contd. P-2

P-2

Sr. No.	Sub-Head and Items of work	Quantity		Rates In		Unit	Amount
			Figures	Words			
5	Providing and applying primer coat with bitumen emulsion (SS-4) 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.	550.00	Square metre	47.00	Rupees Forty Seven Only	Per square metre	25850.00
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.	550.00	Square metre	18.00	Rupees Eighteen Only	Per square metre	9900.00
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 course 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 power 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.	550.00	Square metre	180.00	Rupees One Hundred Eighty Only	Per square metre	99000.00
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.	550.00	Square metre	80.00	Rupees Eighty Only	Per square metre	44000.00

Contd 3

8-3

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
9	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.	15.43	Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per Square metre	55548.00
	TOTAL		Number				499669.00
				% above/below			
				Quoted Rate in Figure			
				Quoted Rate in Words			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

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DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499965/-
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:- Construction of 2.75/5.00 mtr wide Jeepable road Cutting/Filling, GSB, Metalling & Tarring in Km. 0/0 to 0/200) Under MNP

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.	6.60	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1188.00
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.	580.00	Square metre	93.50	Rupees Ninety Three And Paise Fifty Only	Per square metre	54230.00
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.	72.50	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	79750.00
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 paver/finisher 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.	67.00	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	130500.00

Contd.

P-2

Sr. No.	Sub-Head and items of work	Quantity		Rates 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, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	550.00	Square metre	47.00	Rupees Forty Seven Only	Per square metre	25850.00
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.	550.00	Square metre	18.00	Rupees Eighteen Only	Per square metre	9900.00
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 course 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.	550.00	Square metre	180.00	Rupees One Hundred Eighty Only	Per square metre	99000.00
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.	550.00	Square metre	80.00	Rupees Eighty Only	Per square metre	44000.00

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Sr. No.	Sub-Head and items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
9	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, Makhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	15.43	Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per Square metre	55548.00
			Number				499966.00
	TOTAL			% above/below			
				Quoted Rate in Figure			
				Quoted Rate in Words			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

Job-9

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499775/-
Earnest Money: Rs. 10000/-
Time Limit : Three Months.

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 2.75/5.00 mtr wide Jeepable road Cutting/Filling, GSB, Metalling & Tarring in Km. 0/0 to 0/200) Under MNP

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 hand 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.	7.15	Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1287.00
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.	580.00	Square metre	93.00	Rupees Ninety Three Only	Per square metre	53940.00
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.	72.50	Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	79750.00
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 paver/finisher 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.	87.00	Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	130500.00

Contd-2

P-2

Sr. No.	Sub-Head and Items of work	Quantity		Rates 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, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	550.00	Square metre	47.00	Rupees Forty Seven Only	Per square metre	25850.00
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.	550.00	Square metre	18.00	Rupees Eighteen Only	Per square metre	9900.00
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 power 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.	550.00	Square metre	180.00	Rupees One Hundred Eighty Only	Per square metre	99000.00
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.	550.00	Square metre	80.00	Rupees Eighty Only	Per square metre	44000.00

Cont P-3

P-3

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
9	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.	15.43	Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per Square metre	55548.00
	TOTAL		Number				499775.00
				% above/below			
				Quoted Rate in Words			
				Quoted Rate in Figure			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 406800/-
Earnest Money: Rs. 8200/-
Time Limit : Three Month

Item of Work:- Repair & Restoration of Rain Damages on link road Daulatpur to Behra road Km. 0/0 to 5/075, (SH:- C/O Retaining wall in N.P. Daulatpur Chowk at RD 0/720 to 0/740)

Sl. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Demolishing all type cement concrete work manually by mechanical means including stacking of steel bars and disposal of unserviceable material upto any lead and lift 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.	10.80 Cubic metre	650.00	Rupees Six Hundred Fifty Only	Per cubic metre	7020.00
2	Earth work in excavation for all types of structures such as retaining walls, breast walls, 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, chiselling/ 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 slumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and other 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.	27.00 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	4860.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement into four sand into 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, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	103.20 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	371520.00
4	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) diameter PVC pipe make of D-Plasti/Pelipe, working pressure not less than 4.50 Kgf/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 MORTH 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	240.00	Rupees Two Hundred Forty Only	Each	7200.00
5	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORTH technical specification section 1200 and 1600 as directed by the 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.	21.60 Cubic metre	750.00	Rupees Seven Hundred Fifty Only	Per cubic metre	16200.00
	TOTAL			% above/below		406800.00
	Quoted Rate in Figure					
	Quoted Rate in Words					


Executive Engineer,
HPPWD Division,
Daulatpur Chowk,

Job-11

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499928/-

Earnest Money: Rs. 10000/-

Time Limit : Three Months.

Name of Work:- Construction of Link road Nangal Jarlian to Brahampur via Village Harbal in G.P. Gondpur Banehra Lower Km 0/0 to 2/0, (SH:- Construction of Cutting/Filling, Subgrade, GSB, WMM, Metallizing & Tarring and Drain for approach road to Sahid Sh. Satish Kumar Village Harbal (220mtr Length) Under MNP computer code 2009-307-560.

code 2009-307-560.

Sub-Head and Items of work		Quantity		Rates in		Unit	Amount
			Figures	Words			
1	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 machines, 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.	154.00	220.00	Rupees Two Hundred Twenty Only	Cubic metre.	Per cubic metre	33880.00
	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.	660.00	90.00	Rupees Ninety Only	Square metre	Per square metre	59400.00
	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.	66.00	1000.00	Rupees One Thousand Only	Cubic metre.	Per cubic metre	66000.00
	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 paver/finisher 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.	99.00	1400.00	Rupees One Thousand Four Hundred Only	Cubic metre.	Per cubic metre	138600.00

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Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
		Figures	Words	Figures	Words		
5	Providing and applying primer coat with bitumen emulsion (SS-1) 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.	616.00	Square metre	50.00	Rupees Fifty Only	Per square metre	30800.00
6	Providing and applying tack coat with bitumen emulsion RS-1, 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.	616.00	Square metre	18.00	Rupees Eighteen Only	Per square metre	11088.00
7	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.0mm (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.	616.00	Square metre	180.00	Rupees One Hundred Eighty Only	Per square metre	110880.00
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.	616.00	Square metre	80.00	Rupees Eighty Only	Per square metre	49280.00
TOTAL		Number		% above/below			499928.00
Quoted Rate in Figure		Quoted Rate in Words					

Executive Engineer,
HPPWD Division,
Daulatpur Chokk,

JOB-12

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 447318/-
 Earnest Money: Rs. 9000/-
 Time Limit : Three Month.

Name of Work:- Restoration of Rain Damages on Link Road Nangal Jarialan to Khan Tilla via Mohalla Dadhwala Gondpur Banehra Nangal Jarialan, (SH:- C/o Causeway near Dadhwala Mohalla)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches, drain 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 venty 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, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	30.12 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	5422.00
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:5 (one cement into three sand into 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.	11.97 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	45486.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) Nominal mix 1:2½:5 (one cement into two and half sand into five graded crushed stone aggregate (40mm) forty millimeter nominal size) in open foundation 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 open foundation etcetera including cost of form work and curing complete as per 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, GST, toll tax, sale tax, or any other taxes imposed by the Government.	52.16 Cubic metre	4200.00	Rupees Four Thousand Two Hundred Only	Per Cubic metre	2,19,072.00
4	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 25 (M-Twenty Five) with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in superstructure 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 drawing and MORD technical specification clause 800, 1205.4 & 1205.5 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.	9.00 Cubic metre	5800.00	Rupees Five Thousand Eight Hundred Only	Per Cubic metre	52,200.00

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Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	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.	96,000 KG	90.00	Rupees Ninety Only	Per Kg	8840.00
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.	21.60 Cubic metre	2850.00	Rupees Two Thousand Eight Hundred Fifty Only	Per Cubic metre	61,560.00
7	Providing and laying reinforced cement concrete pipe NP2 900mm dia for culverts on first class bedding of granular material in single run including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108, 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.	7.50 Rmt	3950.00	Rupees Three Thousand Nine Hundred Fifty Only	Per Rmt	28,625.00
8	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the 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.	33.75 Cubic metre	750.00	Rupees Seven Hundred Fifty Only	Per Cubic metre	25,313.00
	TOTAL					447318.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

Job-13

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 498384/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Month

Name of Work:-Repair & Restoration of Rain Damages on NMT road from Mubarikpur to Marwari (Punjab Boudry) KM 54/675 to 72/555, (SH:- C/O Protection wall (Crest & Toe wall) in Mandwara Khad Bridge D/S in G.P. Ganu Mandwara at RD 71/410 to 71/440

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.	127.80 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	23004.00
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 into three sand into 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					498384.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			

Executive Engineer,
 HPPWD Division,
 Daultpur 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 Boudry) KM 54/675 to 72/555, (SH:- C/O Protection wall (Crest & Toe wall) in Mandwara Khad Bridge D/S in G.P. Ganu Mandwara at RD 71/440 to 71/470

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.

Job-15

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 445626/-
 Earnest Money: Rs. 9000/-
 Time Limit : Three Month.

Name of Work:- Restoration of Rain Damages on Link Road Nangal Jarialan to Khan Tilla via Mohalla Dadhwala Gondpur Banehra Nangal Jarialan, (SH:- C/o Causeway near Dadhwala Mohalla abadi)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches, drain 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, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	26.28 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	4730.00
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.	11.97 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	45486.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate (40mm) forty millimeter nominal size) in open foundation 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 open foundation etcetera including cost of form work and curing complete as per 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, GST, toll tax, sale tax, or any other taxes imposed by the Government.	52.16 Cubic metre	4200.00	Rupees Four Thousand Two Hundred Only	Per Cubic metre	2,19,072.00
4	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 25 (M-Twenty Five) with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in superstructure 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 MORD technical specification clause 800, 1205.4 & 1205.5 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.	9.00 Cubic metre	5800.00	Rupees Five Thousand Eight Hundred Only	Per Cubic metre	52,200.00

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Sr. No.	Sub-Head and Items of work	Quantity	Rates In		Unit	Amount
			Figures	Words		
5	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 of royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	96,000 KG	90.00	Rupees Ninety Only	Per Kg	8640.00
6	Providing and laying of boulder apron laid in wire cranes 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.	21.60 Cubic metre	2850.00	Rupees Two Thousand Eight Hundred Fifty Only	Per Cubic metre	61,560.00
7	Providing and laying reinforced cement concrete pipe N/P2 900mm dia for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108, 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.	7.50 Rmt	3950.00	Rupees Three Thousand Nine Hundred Fifty Only	Per Rmt	29,625.00
8	Back filling behind abutment Retaining wall/Breast wall. Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the 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.	33.75 Cubic metre	750.00	Rupees Seven Hundred Fifty Only	Per Cubic metre	25,313.00
TOTAL						446626.00
			% above/below			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk,

Job-16

DRAFT BILL OF QUANTITY

Estimated Cost: Rs.495800/-
 Earnest Money: Rs.10000/-
 Time Limit : One Month.

Name of Work:- Restoration of Rain Damages on NMT road from Mubarikpur to Marwari Km. 54/675 to 72/555, (SH: Maintenance of Earthen shoulder Dressing of
 terms and Making loss of material on shoulders Km 55/000 to 72/555)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as per drawings and Technical Specification Clause 1903 complete 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.	6520.00 Square metre	15.00	Rupees Fifteen Only	Per Square metre	97800.00
2	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any lead as per technical specification Clause 1903 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.	9950.00 Square metre	40.00	Rupees Forty Only	Per Square metre	3,98,000.00
	TOTAL					495800.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

Job-17

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499748/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months.

Name of Work:- Construction of Link road Nangal Jarialan to Brahmampur via Village Harbal in G.P. Gondpur Banehra Lower Km 0/0 to 2/0, (SH:- Construction of Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring and Drain for approach road to Sahid Sh. Satish Kumar Village Harbal (200mtr Length) Under MNP computer code 2009-307-560.

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
1	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 machines, 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.	180.00	Cubic metre.	220.00	Rupees Two Hundred Twenty Only	Per cubic metre	39600.00
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.	600.00	Square metre	90.00	Rupees Ninety Only	Per square metre	54000.00
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.	60.00	Cubic metre.	1000.00	Rupees One Thousand Only	Per cubic metre	60000.00
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 paver/finisher 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.	90.00	Cubic metre.	1400.00	Rupees One Thousand Four Hundred Only	Per cubic metre	126000.00

Contd

8-2

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
		Figures	Words	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, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	560.00	Square metre	50.00	Rupees Fifty Only	Per square metre	28000.00
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.	560.00	Square metre	18.00	Rupees Eighteen Only	Per square metre	10080.00
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 course 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.	560.00	Square metre	180.00	Rupees One Hundred Eighty Only	Per square metre	100800.00
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.	560.00	Square metre	80.00	Rupees Eighty Only	Per square metre	44800.00

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P-3

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
		Figures	Words	Figures	Words		
9	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 etc/eterna 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, Odroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.13	Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per Square metre	36468.00
	TOTAL		Number		% above/below		499748.00


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

Job-18

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 498533/-
 Earnest Money :-Rs. 10000/-
 Time Limit :- Three Month.

Name of Work:- C/o building of Govt. ITI Gagret at Bhaderkali Tehsil Ghanari Distt. Una (H.P.), (SH:- Construction of External Road Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring in Km. 0/0 to 0/140) Deposit work

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	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 MORTH 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	744.80 Cubic metre.	210.00	Rupees Two Hundred Ten Only	Per cubic metre	158408.00
2	Construction of granular sub-base 150mm (one hundred fifty millimeter) 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.	70.35 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	77385.00
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.	65.10 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	97650.00
4	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.	434.00 Square metre	48.00	Rupees Forty Eight Only	Per square metre	20832.00

Cont. P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
5	Providing and applying tack coat with bitumen emulsion RS-4, 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.	434.00 Square metre	19.00	Rupees Nineteen Only	Per square metre	8246.00
6	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with minimum 40-60 TPH (forty- sixty tonne per hour) hot mix batch type drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity Grade-thirty) @ (at the rate of) 5.50% (five decimal five zero percent) of mix weight transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification section 500 and as per directions and entire satisfaction of the 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.	13.02 Cubic metre	10600.00	Rupees Ten Thousand Six Hundred Only	Per cubic metre	138012.00
TOTAL						498533.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						


 Executive Engineer,
 HPPWD Division,
 Daultapur Chodga

Job-19

BILL OF QUANTITY

Estimate Cost :- Rs. 285086/-
Earnest Money :-Rs. 5700/-
Time Limit :- Three Month.

Name of work:-SDF/2024/82, R/O (Repair of) Rain Damages on Link Road Jamun wala Mod to Harijan Basti Mawa Sindhian in G.P. Mawa Sindhian Km 0/0 to 2/000, Link Road to Village Loharli in G.P. Loharli Km 0/0 to 1/800, (SH):- Repair of Pot Holes due Crust damage at various RD.s) Under DC Deposit

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 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 layer's 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.	6.18 Cubic metre	1500.00	Rupees One Thousand Five Hundred Only	Per Cubic meter	9270.00
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.	82.46 Square metre	48.00	Rupees Forty Eight Only	Per Square meter	3958.00
3	Repair to pot holes and removal of loose material, trimming of sales, 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.	970.92 Square metre	280.00	Rupees Two Hundred Eighty Only	Per Square meter	271858.00
TOTAL						285086.00
Quoted Rate in Figures			% above/below			
Quoted Rate in Words						


Executive Engineer,
HPPWD Division,
Daultpur Chhokri

Job-20

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 498974/-
 Earnest Money :- Rs. 10000/-
 Time Limit :- Three Month.

Name of Work:- C/o building of Govt. ITI Gagret at Bhaderkali Tehsil Ghanari Distt. Una (H.P.), (SH:- Construction of External Road Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring in Km. 0/140 to 0/180) Deposit work

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures.	Words		
1	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.	746.90 Cubic metre.	210.00	Rupees Two Hundred Ten Only	Per cubic metre	156849.00
2	Construction of granular sub-base 150mm (one hundred fifty millimeter) 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.	70.35 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	77385.00
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.	65.10 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	97650.00
4	Providing and applying primer coat with bitumen emulsion (SS-1) 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.	434.00 Square metre	48.00	Rupees Forty Eight Only	Per square metre	20832.00

Cont- P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
5	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.	434.00 Square metre	19.00	Rupees Nineteen Only	Per square metre	8245.00
6	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with minimum 40-60 TPH (forty- sixty tonne per hour) hot mix batch type/drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading prefixed with bituminous binder VG-30 (Viscosity Grade-thirty) @ (at the rate of) 5.50% (five decimal five zero percent) of mix weight transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification section 500 and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within 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.	13.02 Cubic metre	10600.00	Rupees Ten Thousand Six Hundred Only	Per cubic metre	138012.00
	TOTAL					498974.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			

Executive Engineer,
HPPWD Division,
Daulatpur Chowk

DRAFT BILL OF QUANTITY

Job- 21

Estimate Cost :- Rs. 378230/-
Earnest Money :-Rs. 7600/-
Time Limit :- Three Month.

Name of Work:-SDF/2024/85, R/O (Repair of) Rain Damages on Link Road Harijan Basti Amboa in G.P. Amboa km. 0/0 to 2/0 (SH:- Re-laying with WMM, Metalling & Tarring due to road crust damage in Km. 1/480 to 1/650) Under DC Deposit

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 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.	15.00 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	2700.00
2	Construction of granular sub-base 150mm (one hundred fifty millimeter) 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 rolavator 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.	58.95 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	62845.00
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, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	79.05 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	118575.00

Cont. P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	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.	510.00 Square metre	48.00	Rupees Forty Eight Only	Per square metre	24480.00
5	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.	510.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	9180.00
6	Providing and laying 30mm (Thirty millimetre) compacted thick bituminous concrete with minimum 40-60 TPH (forty- sixty tonne per hour) hot mix batch type/drum type plant with electronic control Grading-II using crushed aggregate 13mm (Thirteen millimetre) nominal size of specified grading premixed with bituminous binder VG-30 (Viscosity Grade-thirty) @ (at the rate of) 5.50% (five decimal five zero percent) of mix weight transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment over a previously prepared surface and rolling complete with smooth wheeled roller 8-10 (Eight-Ten) tonne capacity for initial break down rolling and vibratory roller 8-10 (Eight-Ten) tonne capacity or pneumatic type roller of 12-15 (Twelve-fifteen Tonne) with tyre pressure of atleast 0.56mpa (Zero point five six) for intermediate rolling and finish rolling with 6-8 (six-eight) tonne smooth wheeled tandem roller to achieve the desired compaction as per MORTH technical specification section 500 and as per directions and entire satisfaction of the 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.	15.30 Cubic metre	10500.00	Rupees Ten Thousand Five Hundred Only	Per cubic metre	160650.00
TOTAL						378230.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chikola

DRAFT BILL OF QUANTITY

Job-92

Estimated Cost: Rs. 465735/-
Earnest Money: Rs. 9300/-
Time Limit : Three Months.

Name of work:- A/R & M/O HPPWD Rest house at Daulatpur Chowk Distt. Una, (SH:-Providing and fixing Granite in rest House Vermdah, Chequerred precast cement concrete files in Porch, Kerb and aluminium work for Main door)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Providing and fixing 18 mm (eighteen millimeter) thick Granite of approved colour and shade gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm (twenty millimeter) thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels 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.	35.50	3200.00	Rupees Three Thousand Two Hundred Only	Per square metre	113600.00
2	Chequerred precast cement concrete tiles 22 mm (twenty two millimeter) thick in footpath & courtyard, jointed with neat Cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm (twenty millimeter) thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) Light shade pigment using white cement 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.	42.25	900.00	Rupees Nine Hundred Only	Per square metre	38025.00
3	Providing and laying and making kerb channel 30 cm wide and 50 mm (fifty millimeter) thick with cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) over 75mm (seventy five millimeter) bed of dry brick ballast 40 mm (fourty millimeter) nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth etc. complete and as per direction of Engineer-in-charge.	4.50	350.00	Rupees Three Hundred Fifty Only	Per cubic metre	1575.00
4	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundation complete of plain/ reinforced concrete grade M-20 (M twenty) nominal mix 1 : 2 : 4 (One cement : two sand : four graded crushed/ broken stone aggregate 20mm (twenty millimeter) nominal size in or under water including curing complete including pumping or bailing out water , dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work in side pillars of solid causeway piers as per drawings and technical specification Clause 802, 803, 1202 and 1203 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.	5.90	4800.00	Rupees Four Thousand Eight Hundred Only	Per cubic metre	28320.00
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.	10.84	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	39024.00

Cont- P-9

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
6	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, mired 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.	107.20	Kilogram	510.00	Rupees Five Hundred Ten Only	Per Kilogram	54672.00
7	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, mired 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.	84.04	Kilogram	530.00	Rupees Five Hundred Thirty Only	Per Kilogram	44541.00
8	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.	2.82	Square metre	650.00	Rupees Six Hundred Fifty Only	Per square metre	1833.00
9	Providing and fixing 12mm (twelve millimeter) thick make of Novopan, Kiplay, 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 paneling 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.	9.40	Square metre	925.00	Rupees Nine Hundred Twenty Five Only	Per square metre	8695.00

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
10	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.	10.00	Number	165.00	Rupees One Hundred Sixty Five Only	Each	1650.00
11	Providing and fixing 100mm (one hundred millimeter) aluminium handles, 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.	10.00	Number	180.00	Rupees One Hundred Eighty Only	Each	1800.00
12	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.	150.00	Square metre	880.00	Rupees Eight Hundred Eighty Only	Per square metre	132000.00
TOTAL			Number				
				% above/below			465735.00
				Quoted Rate in Words			
				Quoted Rate in Figure			


Executive Engineer,
HPPWD Division,
Daulatpur Charky

DRAFT BILL OF QUANTITY

Job - 23

Estimated Cost: Rs. 261878/-
 Earnest Money: Rs. 5300/-
 Time Limit : Three Months
 Name of Work:- Balance work C/o Badminton Court & Basketball Court at Govt. Sr. Sec. School Mawa Kohlan Tehsil Ghanari Distt Una, (SH- P/L Interlocking Concrete Paver Block in School Ground) Deposit work

Paver Block in School Ground) Deposit work						
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 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 cartiage 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.	19.50 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	3510.00
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/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 cartiage 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 laxes imposed by the Government.	19.50 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	70200.00
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/depts and any quantum of water complete including cartiage 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.	4.76 Cubic metre.	4300.00	Rupees Four Thousand Three Hundred Only	Per cubic metre	20468.00
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 strengtn, 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 cartiage 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.	195.00 Square metre	860.00	Rupees Eight Hundred Sixty Only	Per Square metre	167700.00
			Total Amount			261878.00
					% above/below	
		Quoted Rate in Figure			Quoted Rate In Words	

Executive Engineer,
 HPPWD Division,
 Daultapur Chodga

Job-24

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 351906/-
 Earnest Money: Rs. 7100/-
 Time Limit : Three Month

Name of Work:-C/O Link road Harjan Basti Saloh Beri to Saloh in Gram Panchayat Saloh Km. 0/0 to 3/500, (SH:- Construction of Hume pipe culvert at RD 1/665 and Drain at RD 1/670 TO 1/820) 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.	76.28 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	13730.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement into four sand into 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 types 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.	26.80 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	97920.00
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 into three sand into 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.	41.51 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per Cubic metre	149436.00
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 into two and half sand into 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.	13.58 Cubic metre	4000.00	Rupees Four Thousand Only	Per Cubic metre	54328.00
5	Providing and laying (to level or slope) 900mm dia (Nine hundred millimeter) diameter reinforced 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 into 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.	10.00 Running Metre	3650.00	Rupees Three Thousand Six Hundred Fifty Only	Per Running Metre	36500.00
	TOTAL					351906.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					

Executive Engineer,
 HPPWD Division,
 Daulatour Choudhary

BILL OF QUANTITY

Estimate Cost :- Rs. 243776/-
Earnest Money :-Rs. 4900/-
Time Limit :- One Month.

Name of work:- AJR & MID Non-Residential building under HPPWD Daulatpur Chowk (SH: Providing and installation of computer system with UPS, Printers)

Sr. No.	Description of Item	Quantity		Rate in		Unit	Amount
				Figures	Words		
1	Providing and installation of Computer system of HP All-in-One Core i3 (8 GB DDR4/512 GB SSD/Windows 11 Home/23.8 Inch Screen/24-df1530in Bundle PC) with MS Office (Snow White, 409.3 mm x 497 mm x 235 mm, 5.85 Kg Monitor/USB Key board/USB optical mouse/ PL-antivirus 60 days updating (6 years comprehensive on site warranty) complete. The rates excluding of Goods Services Tax & Labour cess, but including other levies/taxes, duties /royalties, cess, Toll taxes of local bodies or other taxes imposed by the Government.	3.00	Number	42230.00	Rupees Forty Thousand Two Hundred Thirty Only	Each	126690
2	Providing and installation of Elnova. 650 VA offline UPS system (12Vx7AHx2 No.) with 25-30 Min battery backup 3 years warranty on UPS & 18 month on batteries from date of delivery. The rates excluding of Goods Services Tax & Labour cess, but including other levies/taxes, duties /royalties, cess, Toll taxes of local bodies or other taxes imposed by the Government.	3.00	Number	2050.00	Rupees Two Thousand Fifty Only	Each	6150
3	Providing and installation of Brother DCP-L2520D Automatic Duplex Laser Printer with 30 Pages Per Minute Print Speed, Multifunction (Print Scan Copy), 2 in 1 (ID) Copy Button, LCD Display, 32 MB Memory, 250 Sheet Paper Tray, USB Wi-Fi with one year warranty. The rates excluding of Goods Services Tax & Labour cess, but including other levies/taxes, duties /royalties, cess, Toll taxes of local bodies or other taxes imposed by the Government.	3.00	Number	15098.00	Rupees Fifteen Thousand Ninety Eight Only	Each	45294
	Total						178134
	Add GST @ 18% & 1% Labour Cess	19%					33845
	Total						211979
	Add C.P + OHC @ 15%	15%					31797
	Grand Total						243776


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-26

Estimated Cost: Rs. 487484/-
Earnest Money: Rs. 9800/-
Time Limit : Three Months.

Name of Work:- Balance work C/o link Lohara Basti to Durga Mata Mandir on Saloh Beri road Km 0/0 to 1/350, (SH:- Construction of Crate wall in approaches road at Km. 0/305) Under MNP

Under MNP						
Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation 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, chiselling/ 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.	39.60 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	7128.00
2	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 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.	140.40 Cubic metre.	2950.00	Rupees Two Thousand Nine Hundred Fifty Only	Per cubic metre	414180.00
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand) complete 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.	4.42 Cubic metre.	6800.00	Rupees Six Thousand Eight Hundred Only	Per cubic metre	30056.00
4	15 mm cement plaster 1:6 (1 cement: 6 fine sand) on the rough side of single or half brick wall of mix complete 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.	18.00 square metre	180.00	Rupees One Hundred Eighty Only	Per square metre	3240.00
5	Supplying lifting 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.	72.00 Kilogram	90.00	Rupees Ninety Only	Per Kilogramme	6480.00
6	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement into two sand into 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 of octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	6.00 Cubic metre.	4400.00	Rupees Four Thousand Four Hundred Only	Per cubic metre	26400.00
TOTAL						
		Quoted Rate In Figure				
		Quoted Rate In Words				
		% above/below				
				487484.00		

Executive Engineer,
HPPWD Division,
Daulatpur Chhoga

DRAFT BILL OF QUANTITY

Job-27

Estimated Cost: Rs. 238858/-
Earnest Money: Rs. 48000/-
Time Limit : Three Month

Name of Work:- Improvement of Road safety on Link road T05 HP Boundary Thaplan Km 0/0 to 5/960, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 0/120 to 0/160) Under Road safety

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation 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.	8.05 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1449.00
	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 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.	4.68 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	17784.00
	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 MORTH 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.	22.750 Cubic metre	3500.00	Rupees Three Thousand Five Hundred Only	Per cubic metre	79625.00

Cont. P-2

Sub-Head and Items of work

Sub-Head and Items of work						
Sr. No.	Quantity	Rates in		Unit	Amount	
		Figures	Words			
4	40.00 Metre	3500.00	Ruppes Three Thousand Five Hundred Only	Per Rmt	140000.00	
Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seventy centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre) spaced 2 m (two metre) centre to centre, 1.8 m high (one point eight metre), 1.1 m (one point one metre) below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS-1367 (IS: one thousand three hundred sixty seven) and IS-1364 (IS: one thousand three hundred sixty four), metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre), 330 mm (three hundred millimetre) long complete as per MORTH Technical specification Clause 811. 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 as per direction of Engineer-in-charge including entire carriage of materials within all leads lifts and other incidentals and per direction of Engineer-in-Charge. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.						
TOTAL						
Quoted Rate in Figure						
Quoted Rate in Words						
% above/below						
						238858.00


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chokky

Job-28

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 190845/-
 Earnest Money: Rs. 3800/-
 Time Limit : Three Month

Name of Work:- Improvement of Road safety on Link road T05 HP Boundary Thaplan Km 0/0 to 5/960, (SH:- Providing and erecting a 'W' metal beam crash barrier from Km 2/300 to 2/330) Under Road safety

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.	6.94 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1249.00
	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 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.	2.92 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	11096.00
	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 MORTH 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.	21.000 Cubic metre	3500.00	Rupees Three Thousand Five Hundred Only	Per cubic metre	73500.00

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Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seventy centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre) spaced 2 m (two metre) centre to centre, 1.8 m high (one point eight metre), 1.1 m (one point one metre) below ground/road level, all steel parts and filaments to be galvanised by hot dip process, all fittings to conform to IS:1367 (IS: one thousand three hundred sixty seven) and IS:1364 (IS: one thousand three hundred sixty four), metal beam rail to be fixed on the vertical post with a spacer of millimetre) long complete as per MORTH Technical specification Clause 811. The rate shall include carriage of machines, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects as per direction of Engineer-in-charge including entire carriage of materials within all leads lifts and other incidentals and per direction of Engineer-in-Charge. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	30.00 Metre	3500.00	Rupees Three Thousand Five Hundred Only	Per Rmt	105000.00
TOTAL						190845.00
		Quoted Rate in Figure	% above/below			
		Quoted Rate in Words				


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chok

Job-29

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 266556/-
Earnest Money: Rs. 5400/-
Time Limit : Three Month

Name of Work:- Improvement of Road safety on Link road to sanghnai kala Panga km 0/00 to 6/260, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 5/800 to 5/845) Under Road safety

Sl. 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	7.78 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1400.00
	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/depts 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.	5.12 Cubic metre	3600.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	19456.00
	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/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 MORTH 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.	25.20 Cubic metre	3500.00	Rupees Three Thousand Five Hundred Only	Per cubic metre	88200.00

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Sub-Head and Items of work

Sl. No.	Description of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seventy centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre) spaced 2 m (two metre) centre to centre, 1.8 m high (one point eight metre), 1.1 m (one point one metre) below ground/road level, all steel parts and filaments to be galvanised by hot dip process, all fittings to conform to IS:1367 (IS: one thousand three hundred sixty seven) and IS:1364 (IS: one thousand three hundred sixty four), metal beam rail to be fixed on the vertical post with a spacer of millimetre) long complete as per MORTH Technical specification Clause 511. 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 as per direction of Engineer-in-Charge including entire carriage of materials with in all leads lifts and other incidentals and per direction of Engineer-in-Charge. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	45.00 Metre	3500.00	Rupees Three Thousand Five Hundred Only	Per Rmt	157500.00
TOTAL						266556.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

Job- 30

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 343134/-
 Earnest Money: Rs. 6900/-
 Time Limit : Three Month

Name of Work:- Improvement of Road safety on Link road Chintpurni to Amlehar vid Dhalwari 0/0 to 11/500, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 10/550 to 10/610) Under Road safety

Sl. 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.	10.42 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1876.00
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/deplths 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.	6.91 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	26258.00
3	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/deplths 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/deplths 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.	30.00 Cubic metre	3500.00	Rupees Three Thousand Five Hundred Only	Per cubic metre	105000.00

Cont. P-2

P-2

Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
		Figures	Words		
Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seventy centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre) spaced 2 m (two metre) centre to centre, 1.8 m high (one point eight metre), 1.1 m (one point one metre) below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS-1367 (IS: one thousand three hundred sixty seven) and IS-1364 (IS: one thousand three hundred sixty four), metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre), 330 mm (three hundred millimetre) long complete as per MORTH Technical specification Clause 811. The rate shall include carriage of machines, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects as per direction of Engineer-in-charge including entire carriage of materials within all loads lifts and other incidentals and per direction of Engineer-in-Charge. The rate including Royalty, Malkhana, Odrol, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	60.00 Metre	3500.00	Rupees Three Thousand Five Hundred Only	Per Rmt	210000.00

Executive Engineer,
HPPWD Division,
Daulatpur Chokky

Job-21

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 95871/-
 Earnest Money: Rs. 2000/-
 Time Limit : Three Months.

Name of work:- Repair & Maintenance of 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
		4 00	Number	Figures	Words		
1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, 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 heading 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.	98 25	Kilogram	510 00	Rupees Five Hundred Ten Only	Per Kilogram	50108 00
3	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 heading 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

Cont. P-2

P-2

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	600.00	Rupees Six Hundred Only	Per square metre	2592.00
5	Providing and fixing 12mm (twelve millimeter) thick make of Novapan, Kipply, 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	850.00	Rupees Eight Hundred Fifty Only	Per square metre	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	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	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	150.00	Rupees One Hundred Fifty Only	Each	2250.00

Cont. P-3

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	Square metre	50.00	Rupees Fifty Only	Per square metre	500.00
	TOTAL		Number				95871.00
				% above/below			
				Quoted Rate in Figure			
				Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chokya

Job-32

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 207923/-
Earnest Money: Rs. 4200/-
Time Limit : Three Month.

Name of work :-AJR & MIO Assistant Engineer Office Building cum Residence at Sub- Division Gagret. (SH:-Painting to building)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches 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, goods service tax, labour cess or other taxes imposed by the Government.	1263.58 Square meter	11.15	Rupees Eleven And Paise Fifteen Only	Per Square meter	14089.00
2	Providing and applying white cement based putty of average thickness 1 mm (one millimeter), of approved brand and manufacturer J.K wall Putty/ Brita White Putty, over the plastered wall surface to prepare the surface even and smooth complete upto 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, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	420.67 Square meter	85.10	Rupees Eighty Five And Paise Ten Only	Per Square meter	35799.00
3	Wall painting with acrylic emulsion paint of approved brand and manufacturer to give an even shade two or more coats on new/old work 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.	770.82 Square meter	95.00	Rupees Ninety Five Only	Per Square meter	73228.00
4	Painting wood work with Deluxe Multi Surface Paint of required shade two or more coat applied @ 0.90 ltr/10 sqm (zero point ninety litre per ten square meter) over an under coat of primer applied @0.75 ltr/10 sqm (zero point seven five litre per ten square meter) of approved brand and manufacturer ICI (Dulex Gloss)/ Nerolac/ Berger (Luxol High Gloss)/ Asian Paint (Premium ApcoliteGlass)/ Shalimar make in all height/ in all floor level 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.	200.86 Square metre	90.00	Rupees Ninety Only	Per square metre	18077.00
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm (at the rate of zero point ninety litre per ten square meter) over an under coat of primer applied @ 0.80 ltr/ 10 sqm (at the rate of zero point eighty litre per ten square meter) of approved brand and manufacturer ICI (Dulex Gloss)/ Nerolac/ Berger (Luxol High Glass)/ Asian Paint (Premium ApcoliteGlass)/ Shalimar make 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.	200.86 Square metre	105.00	Rupees One Hundred Five Only	Per square metre	21090.00
6	Finishing walls with Acrylic Smooth exterior paint of required shade with Nerolac/Asian/Berger make new/old work (Two or more coat applied @ 1.67 ltr/10 sqm (one point sixty seven litre 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.	414.91 Square metre	110.00	Rupees One Hundred Ten Only	Per square metre	45640.00
	TOTAL					207923.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			

Executive Engineer,
HPPWD Division,
Daulatpur Chowk

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 156282/-
Earnest Money: Rs. 3200/-
Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on NMT road from Mubarikpur to Marwari (Punjab Boudry) KM 54/675 to 72/555,, (SH- Construction of Retaining wall in slab culvert approach at 70/930)

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 slumps 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.	9.90 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1782.00
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 MORTH 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.	39.90 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	143640.00
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-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.	15.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	3300.00
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the 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.	10.80 Cubic metre.	700.00	Rupees Seven Hundred Only	Per cubic metre	7560.00
TOTAL						156282.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chokky