

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No. PWD/DPD/CB-Tender/2023- 3813-14

Dated:- 25-10-2024

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- 3806-12 dated 25-10-2024 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 : 04.11.2024 up to 04.00 PM

Date and time of issue/sale of tender forms against cash Payment : 05.11.2024 (02.00 PM to 5.00 PM)

Date and time of receipt of tenders : 06.11.2024 up to 11.00 AM

Date and time of opening of tenders : 06.11.2024 at 11.30 AM

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

Sr. No.	Name of Work	Estimated Cost	Earnest money	Time Limit	Cost of Form	Eligible Class of Contractor
1	Construction of link road Mistry Mohalla Ward No. 5 in Gram Panchayat Nangal Jariyalan Km 0/00 to 0/500, (SH:- P/L Interlocking Concrete Paver Block and Drain in Km 0/00 to 0/080) Under MNP	499252.00	10000.00	Three Month	350-	Class-D
2	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 Cutting/Filling, Subgrade, GSB, WMM, Metaling & Tarring in bridge approaches Nara Dukki side) under SCDP	498960.00	10000.00	Three Month	350-	Class-D
3	C/o Rain shelter at Oel on link road Gagret Oel Ispur road km 0/0 to 13/400 under VKV/2021/433 Deposit	258657.00	5200.00	Six Month	350-	Class-D
4	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 Cutting/Filling, Subgrade, GSB, WMM, Metaling & Tarring in bridge approaches Keori side) under SCDP	498960.00	10000.00	Three Month	350-	Class-D
5	Restoration of Rain Damages on Link Road Amlehar Bhaderkali Km 0/0 to 4/600, (SH:- C/O Wire Crate Wall at Km 2/478 to 2/490.80 and Filling in Km 2/434 to 2/490)	148869.00	3000.00	Three Month	350-	Class-D
6	Improvement of Road Safety on NMT road from Madaripur to Marwari (Punjab Boundary) KM 54/675 to Km 72/555 (SH:- P/F Cat-eyes studs and cautionary, mandatory and informatory sign Boards in Various RD,s Near Govt. Sen. Sec Mubarikpur, Near Parmar Public School, Near Govt. Sen. Sec Banehra, Near Mahadev Public School Daulatpur Chowk,Near Him Academy School Raipur Marwari. Near Govt. Sen. Sec Marwari)	499750.00	10000.00	Three Month	350-	Class-D

7	SDF/2024/83, R/O (Repair of) Rain Damages on Link Road Sanghnai Kala Panga in G.P. Sanghnai Km. 0/0 to 6/260 and Link road to village Ambota in G.P. Ambota Km. 0/0 to 0/639, (SH:- Repair of Pot Holes due to Crust damage at various RD,s) Under DC Deposit	283053.00	5700.00	Three Month	350-	Class-D
8	Restoration of Rain Damages on Link Road from Madan Lal Ex-Pardhan Roshan Lal Di Hatti to Fish Farm Deoli km. 0/0 to 2/050 and Link Road to Mohalla Khad Gujran in km. 0/0 to 3/0 in GP Saghnai. (SH:- Repair of Pot Hole at various RD,s)	499788.00	10000.00	Three Month	350-	Class-D
9	Restoration of Rain Damages on NMT road from Mubarikpur to Marwari (Punjab Boundry) KM 54/675 to Km 72/555, (SH:- C/O U Shape Drain & Cover Km 65/225 to 65/325)	246070.00	4900.00	Three Month	350-	Class-D
10	Balance work Repair of Boys & Girls Hostel Building at Dr. B.R. Ambedkar Govt. Polytechnic Ambota, Tehsil Ghanari Distt. Una (H.P.), (SH:- C/O Sanitary Installations work etc.)	196415.00	4000.00	Three Month	350-	Class-D
11	Repair & Restoration of Rain Damages on NMT road from Mubarikpur to Marwari (Punjab Boundry) KM 54/675 to 72/555, (SH:- C/O Protection wall (Creat & Toe wall) in Mandwara Khad Bridge D/S in G.P. Ganu Mandwara at RD 71/480 to 71/510	498384.00	10000.00	Three Month	350-	Class-D
12	Restoration of Rain Damages on link road Gondpur Banehra to Ghanari km 0/0 to 3/300, (SH- P/L Interlocking Concrete Paver Block and V-Drain between Km 0/800 to 1/200)	499654.00	10000.00	Three Month	350-	Class-D
13	C/O Link road Harijan Basti Saloh Beri to Saloh in Gram Panchayat Saloh Km. 0/0 to 3/500, (SH:- Construction of 2.75/5.00 mtr wide Jeepable road Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring in Km. 1/860 to 2/060) Under SCDP	499670.00	10000.00	Three Month	350-	Class-D
14	Repair & Restoration of Rain Damages on Link road Ambota Bus Stand to Nag Nath Mandir via Mohalla Jindbar km. 0/0 to 3/205, (SH- Construction of Edge wall at RD 2/220 to 2/245)	102600.00	2100.00	Three Month	350-	Class-D
15	Repair & Restoration of Rain Damages on Link road Harijan Basti Bandu in Village Bhaderkali km. 0/0 to 2/000, (SH- Construction of Breast wall at RD 0/445 to 0/490)	364320.00	7300.00	Three Month	350-	Class-D
16	Repair & Restoration of Rain Damages on Link road from Banne di Hatti to Andora Km 0/0 to 4/000, (SH:- C/O 2.00 Mtr. Span RCC slab culvert near Jawala Ji Mata Mandir in ward no. 4 in G.P. Andora upper)	499590.00	10000.00	Three Month	350-	Class-D

17	Restoration of Rain Damages on link road Kaloh Bumbloo km. 0/0 to 0/600 , (SH- Construction of Edge wall at RD 0/216 to 0/221 and 0/360 to 0/395)	161136.00	3300.00	Three Month	350-	Class-D
18	Restoration of Rain Damages on link road Ghanari to Nangal Jarialan Km 0/0 to 4/926, (SH:- C/O Edge wall near Health Sub-Centre building Nangal Jarialan at RD 4/765 to 4/795 and Drain at RD 4/870 to 4/900)	344740.00	6900.00	Three Month	350-	Class-D
19	Repair & Maintenance on various roads in Gagret Sub Division, (SH: Painting to Various Bridge and Parapets in Gagret section I & II)	498950.00	10000.00	Three Month	350-	Class-D
20	Restoration of Rain Damages on link road Pirthipur junction to Maidangarh Km 0/0 to 4/0, (SH:- C/O U-Shape Drain at RD 1/425 to 1/525)	244560.00	4900.00	Three Month	350-	Class-D
21	C/o Ambulance Road from Gagret Daulatpur road to Mohalla Bagwal Shere Di Hatti Abadi Kabirpanthian Mohala GP Sanghnai Km 0/0 to 0/950, (SH- P/L Interlocking Concrete Paver Block & Retaining wall from Km 0/815 to 0/915) Under MMGSY	499456.00	10000.00	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.
Dated: - 25-10-2024

No. PWD/DPD/CB-Tender/2024- 3806-12

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

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

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

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499252/-
Earnest Money: Rs. 10000/-
Time Limit : Three Months

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

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush seprately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	76.80	180.00	Rupees One Hundred Eighty Only	Per cubic metre	13824.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	36.00	120.00	Rupees One Hundred Twenty Only	Per cubic metre	4320.00
3	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	30.00	240.00	Rupees Two Hundred Forty Only	Per cubic metre	7200.00
4	Construction of gravel/soil aggregate sub base/base by providing well graded material of nominal maximum size grading 80mm (eighty millimetre) as per table 2.3 of IRC SP 77-2008, spreading in uniforms layers with tractor mount appropriate grading arrangements on prepared surface, mixing by mix in place method at OMC with tractor mount appropriate rotavator attachment and compaction with three wheel 80-100 KN static roller capacity to achieve the desired complete as per CPWD specifications 2019 contained in para 2.2, 3.6 and 3.7 of IRC SP-77-2008 and as per the direction of Engineer-in -Charge including carriage of material within all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	24.00	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	26400.00

Sr. No.	Description of Item	Quantity		Rates in		Unit	Amount -
				Figures	Words		
5	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	22.40	Cubic metre.	3600 00	Rupees Three Thousand Six Hundred Only	Per cubic metre	80640.00
6	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	33.00	Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	125400.00
7	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	6.58		4600.00	Rupees Four Thousand Six Hundred Only	Per cubic metre	30268.00
8	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimeter) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimeter) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	240.00	Squre metre.	880 00	Rupees Eight Hundred Eighty Only	Per squre metre	211200.00
Total Amount							499252.00
Quoted Rate in Figure							% above/below
Quoted Rate in Words							


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 498960/-
Earnest Money :-Rs. 10000/-
Time Limit :- Three Month.

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 Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring in bridge approaches Nara Duhki side) under SCDP

Sr. No.	Description of Item	Quantity	Rate 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 machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	828.00 Cubic metre.	220.00	Rupees Two Hundred Twenty Only	Per cubic metre	182160.00
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.	54.00 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	59400.00
3	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	54.00 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	81000.00

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.	360.00 Square metre	48.00	Rupees Forty Eight Only	Per square metre	17280.00
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.	360.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	6480.00
6	Providing and laying 40mm (Forty 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.	14.40 Cubic metre	10600.00	Rupees Ten Thousand Six Hundred Only	Per cubic metre	152640.00
	TOTAL					498960.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 2,58,657/-
 Earnest Money: Rs. 5,200/-
 Time Limit : Six Months
 Name of Work:- C/o Rain shelter at Oel on link road Gagret Oel Ispur road km 0/0 to 13/400

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 verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per the direction by Engineer in charge including entire carriage of materials sale tax with in all leads and lifts and other incidentals. Any loss to the public/private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	7.96 Cubic Metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1433.00
2	Providing and laying in position cement concrete 1:4:8 (one cement isto four coarse sand isto eight graded/crushed stone aggregate 40mm (forty millimeter) nominal size mechanically mixed and curing complete excluding cost of centering and shuttering in foundation and plinth level 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.	3.29 Cubic Metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	11844.00
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in all shapes and sizes in cement mortar 1:6 (one cement isto 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.	5.56 Cubic Metre	6450.00	Rupees Six Thousand Four Hundred Fifty Only	Per cubic metre	35862.00
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to all floor level in all shapes and sizes in cement mortar 1:4 (one cement isto four coarse sand) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.39 Cubic Metre	6800.00	Rupees Six Thousand Eight Hundred Only	Per cubic metre	29852.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying damp proof course 38mm (Thirty eight millimeter) thick with cement concrete 1:2:4 (one cement: two coarse sand: four graded crushed stone aggregate 12.5mm (twelve point five millimeter) nominal size and curing complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentials. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.82 Square metre	245.00	Rupees Two Hundred Forty Five Only	Per Square metre	446.00
6	Providing and applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.70 kg (one point seventy kilogram) per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentials. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.82 Square metre	135.70	Rupees One Hundred Thirty Five And Paise Seventy Only	Per Square metre	247.00
7	Steel work in built up tubular (round, square or rectangular hollow Hot finished welded type tubes etcetera) trusses etcetera San HARVIC Steelman Industries P.D. Industries metal windows, Chandni Industries, Ganpati Udyog (Rajpura) Tata and Jindal make., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etcetera 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 incidentials. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	980.00 Kilogram	100.00	Rupees One Hundred Only	Per Kilogram	98000.00
8	Steel work welded in built up sections, trusses and framed work approved make i.e. TATAJINDAL San HARVIC Steelman Industries P.D. Industries metal windows, Chandni Industries, Ganpati Udyog (Rajpura) including cutting hoisting fixing in position and applying a priming coat of approved steel primer using structure steel etcetera as required lead paint in gratings framed guard bars, ladders, railing, brackets and similar works complete upto all heights/all floor level as per CPWD specifications 2019 complete and direction by the Engineer in charge including entire carriage of materials within all leads and lifts and other incidentials. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	340.00 Kilogram	102.00	Rupees One Hundred Two Only	Per Kilogram	34680.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
9	Providing and fixing prepainted steel sheet Tata Durashine make roofing over steel truss providing and fixing kote metal or equal pre-painted single trapezoidal profiled sheeting 0.60mm (zero point sixty millimeter) thickness having 1060mm (one thousand sixty millimeter) cover width overall width 1126mm (one thousand one hundred twenty six millimeter) 28 mm (twenty eight millimeter) crest depth at 353mm (three hundred fifty three millimeter) plus 2 (two) center to center to crest distance. There will be no ribs at the center for stiffening having crest depth 2.5mm (two point five millimeter) the main crest width at top 25mm (twenty five millimeter) at the lower 81mm (eighty one millimeter) base metal of cold rolled steel cast with zinc waiting top coat with regular modified polyesters coating of approved shade and balancing reverse coat with polyester paint including fixing of sheet with self drilling and self tapping screws of size 5.5mm (five point five millimeter) dia and 55mm (fifty five millimeter) length with EPOM seal complete in all respect as per approved specification, drawing, design any floor level/height as per CPWD specifications 2019 complete and direction by the Engineer in charge 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.	18.51 Square metre	1280.00	Rupees One Thousand Two Hundred Eighty Only	Per Square metre	23693.00
10	Providing and fixing 15cm (Fifteen centimetre) wide 45cm (Forty five Centimetre) overall semicircular with 0.63mm (Zero point sixty three millimeter) thick plain G.I. tata /sail /Reliance/ zindal sheet gutter with iron brackets 40x3mm(Forty into three millimeter) size bolts and nuts and washers etcetra including making necessary connections with rain water pipe complete as per design. as per specification, approved drawing, design, as per entire satisfaction and direction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	5.00 Running metre	600.00	Rupees Six Hundred Only	Per running metre	3000.00
11	Providing and fixing 110mm (one hundred ten millimeter) dia pipe on wall face PVC (Finolex Supreme, AKG, Prince, Kisan, SFMC, Diplast make) rain water pipes of working pressure not less than 4.5 kg/sq. cm (four point five kilogramme per square centimeter) including filling the joints with approved adhesive complete upto any height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	6.00 Running meter.	233.00	Rupees Two Hundred Thirty Three Only	Per Running meter.	1398.00
12	6mm (six millimeter) plaster on cement concrete or reinforced cement concrete work with white cement based polymer modified self curing mortar of approved make upto all floor level 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.	14.85 Square meter	180.00	Rupees One Hundred Eighty Only	Per Square meter.	2673.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
13	Kota stone slab flooring over 20 mm (twenty millimeter) (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 (one cement :four sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete 25mm (twenty five millimeter) thick (yellow marble band to be paid separately) upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	7.88 Square metre	1290.00	Rupees One Thousand Two Hundred Ninety Only	Per Square metre	10165.00
14	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @0.90 ltr/ 10 sqm (zero point ninety liter per ten square meter) over an under coat of primer applied @0.80 ltr/ 10 sqm (zero point eighty liter per ten square meter) of approved brand and manufacture upto all heights 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.	32.24 Square metre	95.00	Rupees Ninety Five Only	Per Square metre	3063.00
15	Wall painting (two coats) with acrylic emulsion paint of approved brand and manufacture for interior grade on undecorated concrete/stone/plastered wall surfaces to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty a required for metting the surface 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.	19.71 Square meter.	100.00	Rupees One Hundred Only	Per Square meter.	1971.00
16	Writing letter in figure on any surface with black japan paint (stops, comas, hyphens and the like not to be measured and paid separately) as per CPWD specifications 2019 complete and 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.	200.00 letter per centimetr e height	1.65	Rupees One And Paise Sixty Five Only	Per letter per centimetr e height	330.00
	TOTAL					258657.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimate Cost :- Rs. 498960/-
Earnest Money :-Rs. 10000/-
Time Limit :- Three Month.

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 Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring in bridge approaches Keori side) under SCDP

Sr. No.	Description of item	Quantity	Rate 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 machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	828.00 Cubic metre.	220.00	Rupees Two Hundred Twenty Only	Per cubic metre	182160.00
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.	54.00 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	59400.00
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.	54.00 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	81000.00

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.	360.00 Square metre	48.00	Rupees Forty Eight Only	Per square metre	17280.00
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.	360.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	6480.00
6	Providing and laying 40mm (Forty 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 censor paver finisher hydraulic with censor 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.	14.40 Cubic metre	10600.00	Rupees Ten Thousand Six Hundred Only	Per cubic metre	152640.00
	TOTAL					498960.00
			% above/below			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daultapur Chowk.

BILL OF QUANTITY

Estimate Cost :- Rs. 148869/-
 Earnest Money :-Rs. 3000/-
 Time Limit :- Three Month.

Name of Work:- Restoration of Rain Damages on Link Road Amlehar Bhaderkali Km 0/0 to 4/600, (SH:- C/O Wire Crate Wall at Km 2/478 to 2/490.80 and Filling in Km 2/434 to 2/490)

Sl. No.	Description of Item	Quantity	Rate 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.	10.75 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1935.00
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 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.	36.86 Cubic metre	2900.00	Rupees Two Thousand Nine Hundred Only	Per Cubic metre	1,06,894.00
3.	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, Malkhana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	182.00 Cubic metre.	220.00	Rupees Two Hundred Twenty Only	Per cubic metre	40040.00
TOTAL						148869.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						


 Executive Engineer,
 HPPWD Division,
 Daultapur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499750/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month

Name of Work:- Improvement of Road Safety on NMT road from Mubarikpur to Marwari (Punjab Boudry) KM 54/675 to Km 72/555 (SH:- P/F Cat-eyes studs and cautionary, mandatory and informatory sign Boards in Various RD.s Near Govt. Sen. Sec Mubarikpur, Near Parmar Public School, Near Govt. Sen. Sec Banehra, Near Mahadev Public School Daulatpur Chowk, Near Him Academy School Raipur Marwari, Near Govt. Sen. Sec Marwari)

Sl. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Providing and fixing of 600 mm (six hundred millimetres) circular retro-reflectorised cautionary, mandatory and informatory sign as per IRC-67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm (one point five millimetres) thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm (seventy five millimetre into seventy five millimetre into six millimetre) firmly fixed to the ground by means of properly designed foundation with M15 (M-fifteen) grade cement concrete 450 mm x 450 mm x 600 mm (four hundred fifty millimetre into four hundred fifty millimetres into six hundred millimetre), 600 mm (six hundred millimetre below ground level as per drawings and Technical Specification Clause 801 as per the direction of the Engineer-in-charge, including carriage of materials within all leads and lifts and other incidentals. The rate is including of octroi, royalty, Malkana, toll tax, Goods Service tax, sale tax or other taxes imposed by the Government.	12.00 Numbers	4400.00	Rupees Four Thousand Four Hundred Only	Each	52800
	Providing and fixing of 600x450 mm (six hundred into four hundred fifty millimetres) rectangular, chevron retro-reflectorised cautionary, mandatory and informatory sign as per IRC-67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm (one point five millimetres) thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm (seventy five millimetre into seventy five millimetre into six millimetre) firmly fixed to the ground by means of properly designed foundation with M15 (M-fifteen) grade cement concrete 450 mm x 450 mm x 600 mm (four hundred fifty millimetre into four hundred fifty millimetres into six hundred millimetre), 600 mm (six hundred millimetre below ground level as per drawings and Technical Specification Clause 801 as per the direction of the Engineer-in-charge, including carriage of materials within all leads and lifts and other incidentals. The rate is including of octroi, royalty, Malkana, toll tax, Goods Service tax, sale tax or other taxes imposed by the Government.	15.00 Numbers	4200.00	Rupees Four Thousand Two Hundred Only	Each	63000
	Providing and fixing dual direction retro reflective Cat-eyes studs made for high quality colour less retro reflective mini board embedded to 6mm (six millimetres) high impact plastic eyes of dia 16mm (sixteen millimetres) containing 7 (seven) beads to each thus making a total of 42 (forty two) beads housed on both sides in a strong aluminium castes stud size 10x10 cm (ten into centimeter) provided with a mild steel zinc plated nail of dia 12mm (twelve millimetres) for fixing to roads by hammering made green/lite only as per the direction of the Engineer-in-charge, including carriage of materials within all leads and 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.	1097.00 Numbers	350.00	Rupees Three Hundred Only	Each	383950
	TOTAL					499750.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

BILL OF QUANTITY

Estimate Cost :- Rs. 283053/-
Earnest Money :-Rs. 5700/-
Time Limit :- Three Month.

Name of work:-SDF/2024/83, R/O (Repair of) Rain Damages on Link Road Sanghnai Kala Panga in G.P. Sanghnai Km. 0/0 to 6/260 and Link road to village Ambota in G.P. Ambota Km. 0/0 to 0/639, (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 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.	8.55 Cubic meter	1500.00	Rupees One Thousand Five Hundred Only	Per Cubic meter	12825.00
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.	113.98 Square metre	48.00	Rupees Forty Eight Only	Per Square meter	5471.00
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (Twenty millimetre) thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1. and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	945.56 Square metre	280.00	Rupees Two Hundred Eighty Only	Per Square meter	264757.00
TOTAL						283053.00
			Quoted Rate in Figure		% above/below	
			Quoted Rate in Words			


Executive Engineer,
HPPWD Division,
Daultapur Chowk.

8

Name of work:-Restoration of Rain Damages on Link road from Madan Lal Ex-Pardhan Roshan Lal Di Hatti to Fish Farm Deoli km. 0/0 to 2/050 and Link road to Mohalla Khad Gujran in km. 0/0 to 3/0 in GP Saghnai. (SH:- Repair of Pot Hole at various RD.s)

**Executive Engineer,
HPPWD Division,
Daultapur Chowk.**

Executive Engineer,
HPPWD Division,
Daultapur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 246070/-
Earnest Money: Rs. 4900/-
Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on NMT road from Mubarikpur to Marwari (Punjab Boundry) KM 54/675 to Km 72/555, (SH:- C/O U Shape Drain & Cover Km 65/225 to 65/325)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of 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.	85.80 Cubic metre	200 00	Rupees Two Hundred Only	Per cubic metre	17160.00
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.	42.50 Cubic metre	3800 00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	161500.00
3	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M25 (M-Twenty Five) designed mix with minimum cement contents of 400 kgs. (four hundred kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in drain slab and the like up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	5.40 Cubic metre	6150 00	Rupees Six Thousand One Hundred Fifty Only	Per cubic metre	33210.00
4	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and MORTH technical specifications section 1600 and 2300 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rate including of Octroi, Royalty, Malkhana, Toll Tax, Sale Tax or other Taxes imposed by the Government.	360.00 Kg	95.00	Rupees Ninety Five Only	Per Killogram	34200.00
	TOTAL					246070.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			

Executive Engineer,
HPPWD Division,
Daultpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 196415/-
Earnest Money: Rs. 4000/-

Time Limit : Three Month

Name of work :- Balance work Repair of Boys & Girls Hostel Building at Dr. B.R. Ambedkar Govt. Polytechnic Ambota, Tehsil Ghanari Distt. Una (H.P.), (SH):- C/O Sanitary Installations work etc.)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level in any floor/height in cement mortar 1:4 (one cement: four coarse sand) as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.00	780.00	Rupees Seven Hundred Eighty Only	Per square metre	11700.00
2	Providing and fixing 75mm (seventy five millimeter) diameter on wall face unplasticised Rigid PVC rain water pipes Supreme AKG, Finolex, Prince, Kisan, SEMC, Diplast make conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimeter) gap for thermal expansion,-Single socketed pipes as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, sale tax, good service tax or other taxes imposed by the Government.	94.00	230.00	Rupees Two Hundred Thirty Only	Per Running meter	21620.00
3	Providing and fixing 110mm (one hundred ten millimeter) diameter on wall face unplasticised Rigid PVC rain water pipes Supreme AKG, Finolex, Prince, Kisan, SEMC, Diplast make conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimeter) gap for thermal expansion,-Single socketed pipes as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, sale tax, good service tax or other taxes imposed by the Government.	12.50	210.00	Rupees Two Hundred Ten Only	Per Running meter	2625.00
4	Providing and fixing 110mm (one hundred ten millimeter) diameter M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm (ten into ten into ten centimeter) of 1:2:4 mix (one cement : two coarse sand : four graded/crushed stone aggregate 20 mm (twenty millimeter) nominal size) and cost of cutting holes and making good the walls etc. as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	5.00	110.00	Rupees One Hundred Ten Only	Each	550.00

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
5	Providing and fixing 75mm (seventy five millimeter) diameter M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm (ten into ten into ten centimeter) of 1:2:4 mix (one cement : two coarse sand : four graded/crushed stone aggregate 20 mm (twenty millimeter) nominal size) and cost of cutting holes and making good the walls etc. as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	5.00	Numbers	95.00	Rupees Ninety Five Only	Each	475.00
6	Providing and fixing 110mm (one hundred ten millimeter) plain PVC Cowel on wall face unplasticised -PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A. including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimeter) gap for thermal expansion as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, sale tax, good service tax or other taxes imposed by the Government.	5.00	Numbers	125.00	Rupees One Hundred Twenty Five Only	Each	625.00
7	Providing and fixing 110mm (one hundred ten millimeter) plain bend on wall face unplasticised -PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimeter) gap for thermal expansion as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, sale tax, good service tax or other taxes imposed by the Government.	6.00	Numbers	135.00	Rupees One Hundred Thirty Five Only	Each	810.00
8	Providing and fixing 110mmx75mm (one hundred ten millimeter into seventy five millimeter) nominal size PVC floor trap approved quality Finolex make of self cleaning design including fixing with approved adhesive including cost of cutting and making goods the walls and floors etc. complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	8.00	Number	230.00	Rupees Two Hundred Thirty Only	Each	1840.00
9	Construction of chamber 300mm x300mmx500mm inside size for stop cock with C.I. surface box 100mm x 100 mm x 75mm(inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 sand 4 graded stone aggregate 20mm nominal size) 75mm thick foundation concrete 1:5:10 (1cement : 5 sand : 10 grades stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 sand) finished with a floating coat of neat cement including curing complete with 100mm thick wall of brick masonry in C.M. 1:5 as per HP. PWD. specifications of 1990 volume-I including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in-Charge including all incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	6.00	Number	1050.00	Rupees One Thousand Fifty Only	Each	6300.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
10	Providing and fixing 15mm (fifteen millimetre) dia C.P.(chrome plated) brass pillar cock of approved quality conforming to IS : 8931.15 (Indian standard : eight thousand nine hundred thirty one point fifteen) :15mm (fifteen millimeter) nominal bore complete upto floor all level including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals.The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	13.00 Number	1000.00	Rupees One Thousand Only	Each	13000.00
11	Providing and fixing C.P Brass Angle cock of approved quality and colour.of approved make and quality as per direction of Engineer-in-charge. 15mm (fifteen millimeter) nominal bore complete upto floor all level including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals.The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	83.00 Number	900.00	Rupees Nine Hundred Only	Each	74700.00
12	Providing and fixing PTMT : grating round of approved quality and colour of Prayag, Viking make 100mm dia as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	34.00 Number	55.00	Rupees Fifty Five Only	Each	1870.00
13	Providing and fixing 1.00mm (one millimetre) thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails ectetra complete including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals.The rates are inclusive of octroi, royalty, malkana, toll tax, GST or other taxes imposed by the Government.	67.00 Square meter	900.00	Rupees Nine Hundred Only	Per Square meter	60300.00
	TOTAL					196415.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

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 Boundry) KM 54/675 to 72/555, (SH:- C/O Protection wall (Creat & Toe wall) in Mandwara Khad Bridge D/S in G.P. Ganu Mandwara at RD 71/480 to 71/510

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	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 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.	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
Quoted Rate in Figure			% above/below			
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

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

Name of Work:- Restoration of Rain Damages on link road Gondpur Banehra to Ghanari km 0/0 to 3/300, (SH- P/L Interlocking Concrete Paver Block and V-Drain between Km 0/800 to 1/200)

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

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


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499670/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months.

Name of Work:- C/O Link road Harijan Basti Saloh Beri to Saloh in Gram Panchayat Saloh Km. 0/0 to 3/500, (SH:- Construction of 2.75/5.00 mtr wide Jeepable road Cutting/Filling, Subgrade, GSB, WMM, Metalling & Tarring in Km. 1/860 to 2/060) Under SCDP

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 machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	68.00 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	16320.00
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.	300.00 Square metre	90.00	Rupees Ninety Only	Per square metre	27000.00
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.	77.50 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	85250.00
4	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM)/specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical paverfinisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	93.00 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	139500.00

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, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	600.00 Square metre	50.00	Rupees Fifty Only	Per square metre	30000.00
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.	600.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	10800.00
7	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.	18.00 Cubic metre	10600.00	Rupees Ten Thousand Six Hundred Only	Per cubic metre	190800.00
	TOTAL					
			% above/below			499670.00
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 102600/-
Earnest Money: Rs. 2100/-
Time Limit : Three Month

Name of Work:- Repair & Restoration of Rain Damages on Link road Ambota Bus Stand to Nag Nath Mandir via Mohalla Jindbar km. 0/0 to 3/205, (SH- Construction of Edge wall at RD 2/220 to 2/245)

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.	8.00 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	1440.00
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.	27.00 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	97200.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and 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.	18.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	3960.00
TOTAL						102600.00
Quoted Rate in Figure			% above/below			
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daultapur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 364320/-
 Earnest Money: Rs. 7300/-
 Time Limit : Three Month

Name of Work:- Repair & Restoration of Rain Damages on Link road Harijan Basti Bandu in Village Bhaderkali km. 0/0 to 2/000, (SH- Construction of Breast wall at RD 0/445 to 0/490)

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.	18.00 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	3240.00
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.	98.10 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	353160.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and 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.	36.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	7920.00
TOTAL						364320.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

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

Name of Work:- Repair & Restoration of Rain Damages on Link road from Banne di Hatti to Andora Km 0/0 to 4/000, (SH:- C/O 2.00 Mtr. Span RCC slab culvert ~~for~~ ^{near} Jawala Ji Mata Mandir in ward no. 4 in G.P. Andora upper)

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.	75.970	180.00	Rupees One Hundred Eighty Only	Per cubic metre	13675.00
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 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.	10.630	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	38268.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) with minimum Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate (40mm) forty millimeter nominal size) in substructure, in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, in Abutments, toe walls, Parapets and the like etcetera including cost of form work and curing complete as per CPWD specification 2019 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	68.060	4350.00	Rupees Four Thousand Three Hundred Fifty Only	Per cubic metre	296061.00

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
4	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 20 (M-Twenty) designed mix with minimum cement contents of 340 kg. (Three hundred forty kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in foundation, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	3.220	Cubic metre	4650.00	Rupees Four Thousand Six Hundred Fifty Only	Per Cubic metre	14973.00
5	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 25 (M-Twenty Five) designed mix with minimum cement contents of 400 kgs. (four hundred kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in Deck slab and the like up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	4.250	Cubic metre	6150.00	Rupees Six Thousand One Hundred Fifty Only	Per Cubic metre	26138.00
6	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and as per CPWD specification 2019 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	991.000	Kg	90.00	Rupees Ninety Only	Per Kg	89190.00
7	Back filling behind abutment, Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per CPWD specifications 2019 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	24.860	Cubic metre	750.00	Rupees Seven Hundred Fifty Only	Per Cubic metre	18645.00
8	Providing and laying 100mm (One Hundred millimeter) diamere PVC pipe Weep Holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra, extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per CPWD specification 2019 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	12.000	Number	220.00	Rupees Two Hundred Twenty Only	Each	2640.00
	TOTAL						499590.00
	Quoted Rate in Figure			% above/below			
	Quoted Rate in Words						


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 161136/-
Earnest Money: Rs.3300/-
Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on link road Kaloh Bumbloo km. 0/0 to 0/600 , (SH- Construction of Edge wall at RD 0/216 to 0/221 and 0/360 to 0/395)

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.	19.20 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	3456.00
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.	41.60 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	149760.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and 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.	36.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	7920.00
	TOTAL					161136.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 344740/-
Earnest Money: Rs. 6900/-
Time Limit : Three Month

Name of Work:-Restoration of Rain Damages on link road Ghanari to Nangal Jarialan Km 0/0 to 4/926, (SH:- C/O Edge wall near Health Sub-Centre building Nangal Jarialan at RD 4/765 to 4/795 and Drain at RD 4/870 to 4/900)

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.	36.00 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	6480.00
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.	76 35 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	274860.00
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.	15.30 Cubic metre	4000.00	Rupees Four Thousand Only	Per Cubic metre	61200 00

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-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	2200.00
	TOTAL					344740.00
			% above/below			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

BILL OF QUANTITY

Estimate Cost :- Rs. 498950/-
Earnest Money :-Rs.10000/-
Time Limit :- Three Month.

Name of work:-Repair & Maintenance on various roads in Gagret Sub Division, (SH: Painting to Various Bridge and Parapets in Gagret section I & II)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	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 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.	150.00 Square metre	85.00	Rupees Eighty Five Only	Per Square metre	12750.00
2	Finishing with Epoxy paint (two or more coats) of HPPWD approved brand and manufacture on unplastered concrete work at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete upto all 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.	3740.00 Square metre	130.00	Rupees One Hundred Thirty Only	Per Square metre	486200.00
	TOTAL					498950.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

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DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 244560/-
 Earnest Money: Rs. 4900/-
 Time Limit : Three Month

Name of Work:-Restoration of Rain Damages on link road Pirthipur junction to Maidangar Km 0/0 to 4/0, (SH:- C/O U-Shape Drain at RD 1/425 to 1/525)

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	54.00 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	9720.00
2	Providing and laying mechanically mixed and vibrated concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	57.00 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	216600.00
3	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and MORTH technical specifications section 1600 and 2300 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rate including of Octroi, Royalty, Malkhana, Toll Tax, Sale Tax or other Taxes imposed by the Government.	192.00 Kg	95.00	Rupees Ninety Five Only	Per Killograme	18240.00
	TOTAL					244560.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499456/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months

Name of Work:- C/o Ambulance road from Gagret Daulatpur road to Mohalla Bagwal Shere Di Hatti Abadi Kabirpanthian Mohala GP Sanghnai Km 0/0 to 0/950, (SH- P/L Interlocking Concrete Paver Block & Retaining wall from Km 0/815 to 0/915) Under MMGSY

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 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.	34.20 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	6156.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve the desired dry density complete 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.	31.50 Cubic metre.	140.00	Rupees One Hundred Forty Only	Per cubic metre	4410.00
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.	31.50 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	47250.00
4	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	54.30 Cubic metre.	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	195480.00

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimetre) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	12.80 Cubic metre.	4450.00	Rupees Four Thousand Four Hundred Fifty Only	Per cubic metre	55960.00
6	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	20.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	4400.00
7	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals.	210.00 Square metre	880.00	Rupees Eight Hundred Eighty Only	Per Square metre	184800.00
Total Amount						499456.00
% above/below						


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.