

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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

5944-45

Dated:- 28-12-2023

✓
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.

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT**NOTICE INVITING TENDER.**

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

Date and time of receipt of applications for the tender form : 05.01.2024 up to 04.00 PM

Date and time of issue/sale of tender forms against cash Payment : 06.01.2024 from 02.00 PM to 5.00 PM

Date and time of receipt of tenders : 08.01.2024 up to 10.30 AM

Date and time of opening of tenders : 08.01.2024 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
1	Restoration of Rain Damages on Link Road to Village Marwari Km. 0/0 to 3/400, (SH: Providing and laying of Interlocking concrete block at RD. 0/820 to 0/850 and V- Shape Drain at various RD,s)	458753.00	9200.00	Two Month	350-
2	Improvement of Black Spots on Link Road Fatehpur to Jawal via Behmba Km 0/0 to 7/0, (SH:- Providing and erecting a "W" metal beam crash barrier from Km. 2/680 to 2/700 and 4/250 to 4/280)	193847.00	3900.00	One Month	350-
3	Improvement of Black Spots on Link Road Harijan Basti Amlehar Km 0/0 to 2/700, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 0/115 to 0/165)	192692.00	3900.00	One Month	350-
4	Improvement of Black Spots on Gagret Daulatpur road Km 0/0 to 12/880, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 1/250 to 1/325)	282467.00	5600.00	One Month	350-
5	Restoration of Rain Damages on Link Road Kaloh beli to bumbloo Km 0/0 to 4/335, (SH:- C/O U-shape Drain from Km 0/150 to 0/290 and Retaining wall from Km 2/450 to 2/456)	497518.00	10000.00	Two Month	350-
6	Improvement of Black Spots on Link Road Joh chowk to Mohalla Tillu village Joh Km 0/0 to 2/250, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 0/0 to 0/075)	285911.00	5700.00	One Month	350-
7	Improvement of Black Spots on Link Road Saghnai Kala Panga Km 0/0 to 4/700, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 1/500 to 1/550)	192692.00	3900.00	One Month	350-
8	Improvement of Black Spots on Link Road Bhanjal Harijan Basti Km 0/0 to 4/250, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 2/210 to 2/285)	285911.00	5700.00	One Month	350-
9	Restoration of Rain Damages on Various roads in Daulatpur Chowk Sub Division Section -III, (SH: -C/O Embankment Filling and Dressing of berms due to road shoulder damaged by IPH Department laying pipeline at Various RD,s)	492424.00	9800.00	Two Month	350-
10	C/O link road Bhaderkali Bridge to GMS Abhyepur, (SH:- C/O 900 mm dia hume pipe culvert at RD. 0/405) under MNP	282860.00	5700.00	Two Month	350-

11	C/o Govt. Sr. Sec. School Bhaderkali, Tehsil Ghanari Distt. Una (HP) (SH: C/O Leveling of School playground) Deposit work.	296316.00	5900.00	Two Month	350-
12	A/R & M/O Non-residential building HPPWD Rest House at Daulatpur Chowk Tehsil Ghanari , Distt. Una HP. (SH:- Repair of roof with prepainted steel sheet work etc.)	499838.00	10000.00	Two Month	350-
13	A/R & M/O Non-residential building HPPWD Rest House at Daulatpur Chowk Tehsil Ghanari , Distt. Una HP. (SH: Providing and fixing PVC wall paneling and aluminum work etc.)	499824.00	10000.00	Two Month	350-
14	Improvement of road safety on various road in Daulatpur chowk sub division (Section-II & III) (SH: Providing and erecting convex mirror at various RD's on blind curves and T-Junction)	225000.00	4500.00	One Month	350-

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 alongwith proof of ownership of machinery/legal tie up.
7. The Executive Engineer reserves the right to reject or cancel any or all tenders without assigning any reasons.


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

No. PWD/DPD/CB-Tender/2023- 5937-43

Dated: - 28/12/2023

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.

CERTIFICATE

Certified that tenders for the works called vide this office letter No. PWD/DPD/CB-Tender/2023- 5937-43 dated 28-2-2023 are required to be carried out immediately being emergent nature of work in the public interest.


Executive Engineer,
Daulatpur chowk Division,
HPPWD Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 458753/-
Earnest Money: Rs. 9200/-
Time Limit : Two Months

Name of Work:-Restoration of Rain Damages on Link Road to Village Marwari Km 0/0 to 3/400, (SH: Providing and laying of Interlocking concrete block at RD 0/820 to 0/850 and V Shape Drain at various RD,s)

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.	45.00 Cubic metre.	200.00	Rupees Two Hundred Only	Per cubic metre	9000.00
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	30.00 Cubic metre.	210.00	Rupees Two Hundred Ten Only	Per cubic metre	6300.00
3	Providing and laying in position cement concrete 1:3:6 (one cement isto three sand isto six graded/crushed stone aggregate 20mm (twenty millimeter) nominal size mechanically mixed and curing complete including cost of centering and shuttering in foundation and plinth level 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.	64.69 Cubic metre.	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	232875.00
4	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depts, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	22.50 Cubic metre.	3315.00	Rupees Three Thousand Three Hundred Fifteen Only	Per cubic metre	74588.00
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 millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depts and any quantum of water complete including 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.	5.70 Cubic metre.	4200.00	Rupees Four Thousand Two Hundred Only	Per cubic metre	23940.00

Sl. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
6	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, compaction 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.	135.00 Square metre	830.00	Rupees Eight Hundred Thirty Only	Per Square metre	112050.00
						458753.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

DRAFT BILL OF QUANTITY

JeB-2

Estimated Cost: Rs. 193847/-
Earnest Money: Rs.3900/-
Time Limit : One Month

Name of Work:- Improvement of Black Spots on Link Road Fatehpur to Jawal via Behmba Km 0/0 to 7/0, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 2/680 to 2/700 and 4/250 to 4/280) Under Demand No. 10

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	8.19 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	1638.00
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.	5.79 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	20849.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/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.	4.200 Cubic metre	3300.00	Rupees Three Thousand Three Hundred Only	Per cubic metre	13860.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seventy centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre) spaced 2 m (two metre) centre to centre, 1.8 m high (one point eight metre), 1.1 m (one point one metre) below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 (IS: one thousand three hundred sixty seven) and IS:1364 (IS: one thousand three hundred sixty four), metal beam rail to be fixed on the vertical post with a spacer of millimetre) long complete as per MORTH Technical specification Clause 811. The rate shall include carriage of machineries, equipment, tolls and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects as per direction of Engineer-in-charge including entire carriage of materials within all leads lifts and other incidentals and per direction of Engineer-in-Charge. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	50.00 Metre	3150.00	Rupees Three Thousand One Hundred Fifty Only	Per Rmt	157500.00
	TOTAL					193847.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-3

Estimated Cost: Rs. 192692/-
Earnest Money: Rs. 3900/-
Time Limit : One Month

Name of Work:- Improvement of Black Spots on Link Road Harijan Basti Amlehar Km 0/0 to 2/700, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 0/115 to 0/165) Under Demand No. 32

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	8.19 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	1638.00
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.	5.79 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	20849.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/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.	3.850 Cubic metre	3300.00	Rupees Three Thousand Three Hundred Only	Per cubic metre	12705.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seventy centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre) spaced 2 m (two metre) centre to centre, 1.8 m high (one point eight metre), 1.1 m (one point one metre) below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 (IS: one thousand three hundred sixty seven) and IS:1364 (IS: one thousand three hundred sixty four), metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre), 330 mm (three hundred millimetre) long complete as as per MORTH Technical specification Clause 811. The rate shall include carriage of machineries, equipment, tolls and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects as per direction of Engineer-in-charge including entire carriage of materials within all leads lifts and other incidentals and per direction of Engineer-in-Charge. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	50.00 Metre	3150.00	Rupees Three Thousand One Hundred Fifty Only	Per Rmt	157500.00
	TOTAL					192692.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daultapur Chowk

DRAFT BILL OF QUANTITY

Job-4

Estimated Cost: Rs. 282467/-
Earnest Money: Rs. 5600/-
Time Limit : One Month

Name of Work:- Improvement of Black Spots on Gagret Daulatpur road Km 0/0 to 12/880, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 1/250 to 1/325) under Demand No. 10

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.	15.69 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	3138.00
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.	5.79 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	20849.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/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.	30.600 Cubic metre	3300.00	Rupees Three Thousand Three Hundred Only	Per cubic metre	100980.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seventy centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre) spaced 2 m (two metre) centre to centre, 1.8 m high (one point eight metre), 1.1 m (one point one metre) below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 (IS: one thousand three hundred sixty seven) and IS:1364 (IS: one thousand three hundred sixty four), metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre), 330 mm (three hundred millimetre) long complete as per MORTH Technical specification Clause 811. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects as per direction of Engineer-in-charge including entire carriage of materials within all leads lifts and other incidentals and per direction of Engineer-in-Charge. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	50.00 Metre	3150.00	Rupees Three Thousand One Hundred Fifty Only	Per Rmt	157500.00
	TOTAL					282467.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			

Assistant Engineer,
HPPWD Sub Division,
Gagret

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-5

Estimated Cost: Rs. 497518/-
Earnest Money: Rs. 10000/-
Time Limit : Two Month

Name of Work:- Restoration of Rain Damages on Link Road Kaloh bel to bumbloo Km 0/0 to 4/335, (SH:- C/O U-shape Drain from Km 0/150 to 0/290 and Retaining wall from Km 2/450 to 2/456)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	121.28 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	24256.00
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.	63.00 Cubic metre	3650.00	Rupees Three Thousand Six Hundred Fifty Only	Per cubic metre	229950.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/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.	69.280 Cubic metre	3300.00	Rupees Three Thousand Three Hundred Only	Per cubic metre	228624.00

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.	30.00 Number	240.00	Rupees Two Hundred Forty Only	Each	7200.00
5	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	12.48 Cubic metre	600.00	Rupees Six Hundred Only	Per cubic metre	7488.00
	TOTAL					497518.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

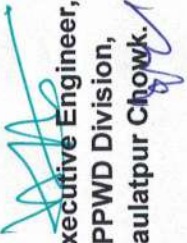
DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 285911/-
 Earnest Money: Rs. 5700/-
 Time Limit : One Month

Name of Work:- Improvement of Black Spots on Link Road Joh chowk to Mohalla Tillo village Joh Km 0/0 to 2/250, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 0/0 to 0/075) Under Demand No. 10

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.	11.09 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	2217.00
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.	8.69 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	31274.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/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.	4.900 Cubic metre	3300.00	Rupees Three Thousand Three Hundred Only	Per cubic metre	16170.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seventy centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre) spaced 2 m (two metre) centre to centre, 1.8 m high (one point eight metre), 1.1 m (one point one metre) below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 (IS: one thousand three hundred sixty seven) and IS:1364 (IS: one thousand three hundred sixty four), metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre), 330 mm (three hundred millimetre) long complete as per MORTH Technical specification Clause 811. The rate shall include carriage of machineries, equipment, tolls and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects as per direction of Engineer-in-charge including entire carriage of materials within all leads lifts and other incidentals and per direction of Engineer-in-Charge. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	75.00 Metre	3150.00	Rupees Three Thousand One Hundred Fifty Only	Per Rmt	236250.00
	TOTAL					285911.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-7

Estimated Cost: Rs. 192692/-
Earnest Money: Rs. 3900/-
Time Limit : One Month

Name of Work:- Improvement of Black Spots on Link Road Saghna Kala Panga Km 0/0 to 4/700, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 1/500 to 1/550) Under Demand No. 10

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.	8.19 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	1638.00
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.	5.79 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	20849.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/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.	3.850 Cubic metre	3300.00	Rupees Three Thousand Three Hundred Only	Per cubic metre	12705.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seventy centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre) spaced 2 m (two metre) centre to centre, 1.8 m high (one point eight metre), 1.1 m (one point one metre) below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 (IS: one thousand three hundred sixty seven) and IS:1364 (IS: one thousand three hundred sixty four), metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one hundred fifty into seventy five into five millimetre), 330 mm (three hundred millimetre) long complete as as per MORTH Technical specification Clause 811. The rate shall include carriage of machineries, equipment, tolls and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects as per direction of Engineer-in-charge including entire carriage of materials within all leads lifts and other incidentals and per direction of Engineer-in-Charge. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	50.00 Metre	3150.00	Rupees Three Thousand One Hundred Fifty Only	Per Rmt	157500.00
	TOTAL					192692.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Job-8

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 285911/-
 Earnest Money: Rs. 5700/-
 Time Limit : One Month

Name of Work:- Improvement of Black Spots on Link Road Bhanjal Harijan Basti Km 0/0 to 4/250, (SH:- Providing and erecting a "W" metal beam crash barrier from Km 2/210 to 2/285) Under Demand No. 32

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.	11.09 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	2217.00
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.	8.69 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	31274.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/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.	4.900 Cubic metre	3300.00	Rupees Three Thousand Three Hundred Only	Per cubic metre	16170.00

DRAFT BILL OF QUANTITY

Estimated Cost: Rs.492424/-
Earnest Money: Rs.9800/-
Time Limit : Two Month

Name of Work:- Restoration of Rain Damages on Various roads in Daulatpur Chowk Sub Division Section -III, (SH: -C/O Embakment Filling and Dressing of berms due to road shoulder damaged by IPH Department laying pipeline at Various RD.s)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as per drawings and Technical Specification Clause 1903 complete as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	8400.00 Square metre	15.00	Rupees Fifteen Only	Per Square metre	126000.00
2	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of 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, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1559.25 Cubic metre	235.00	Rupees Two Hundred Thirty Five Only	Per cubic metre	366424.00
TOTAL						492424.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Estimated Cost: Rs.282860/-
Earnest Money: Rs.5700/-
Time Limit : Two Month

Name of Work:-C/O link road Bhaderkali Bridge to GMS Abhyepur, (SH:- C/O 900 mm dia hume pipe culvert at RD 0/405) Under MNP

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	45.59 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	9118.00
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/depts and any quantum of water, including cost of form work and curing complete as per drawing and MORTH technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	2.83 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per Cubic metre	10188.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/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.	38.800 Cubic metre	3300.00	Rupees Three Thousand Three Hundred Only	Per cubic metre	128040.00
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) with minimum Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate (40mm) forty millimeter nominal size) in substructure, in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, in Abutments, Return wall, toe wall and the like etcetera including cost of form work and curing complete as per CPWD specification 2019 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	23.48 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	89224.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying (to level or slope) 900mm dia (Nine hundred millimeter) diameter reinforced cement concrete light duty non pressure pipes IS Class NP-2 for culverts on first class bedding or granular material in single row including fixing collar with cement mortar 1:2 (One cement isto two sand) but excluding the cost of excavation, protection works, back filling, pipe bedding concrete and masonry work in head walls and parapets as per drawing and M.O.R.D. technical specifications clause 1101.5 and as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, Malkana, GST, toll tax, sale tax or other taxes imposed by the Government.	12.50 Running Metre	3300.00	Rupees Three Thousand Three Hundred Only	Per Running Metre	41250.00
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.	16.00 Number	240.00	Rupees Two Hundred Forty Only	Each	3840.00
7	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	2.00 Cubic metre	600.00	Rupees Six Hundred Only	Per cubic metre	1200.00
TOTAL						282860.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk

Job-11

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 296316/-
Earnest Money: Rs. 5900/-
Time Limit : Two Month.

Name of Work:-C/o Govt. Sr. Sec. School Bhaderkali, Tehsil Ghanari Distt. Una (HP) (SH: C/O Levelling of School playground) Depositi work.

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches, drain etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited 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.	16.20 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	2916.00
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.	13.50 Cubic metre	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	48600.00
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 MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	1020.00 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	244800.00
TOTAL						296316.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						


Executive Engineer,
HPPWD Division,
Daultapur Chowky

DRAFT BILL OF QUANTITY

Job-12

Estimated Cost: Rs. 499838/-
Earnest Money: Rs.10000/-
Time Limit : Two Month

Name of Work:- A/R & M/O Non-residential building HPPWD Rest House at Daulatpur Chowk Tehsil Ghanari , Distt. Una HP. (SH:- Repair of roof with pre-painted steel sheet work etc.)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Providing and fixing pre-painted steel sheet Tata Durashine make roofing over steel truss providing and fixing kole 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 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 the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	177.50 Squire metre	1195.00	Rupees One Thousand One Hundred Ninety Five Only	Per Square meter	212113.00
2	Providing and fixing pre-painted sheet Tata Durashine make ridges or hips 60 cm (sixty centimeter) overall of kole metal single skin trapezoidal profile sheeting 0.60mm (zero point six zero millimeter) thickness having 1060mm (one thousand sixty millimeter) cover width cover all width 1126mm (one thousand one hundred twenty six millimeter) 28mm (thwenty eight millimeter) crest depth at 353mm (three hundred fifty three millimeter) plus 2 (two) center to center crest distance. There will be two ribs at the center for stiffening having crest depth of 2.5mm (two point five millimeter) the main crest width at top 25mm (twenty five millimeter) and at 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 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.	45.00 Running meter	600.00	Rupees Six Hundred Only	Per Running meter	27000.00

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
3	Providing and fixing pre-painted sheet Tata Durashine make valley 60 cm (sixty centimeter) overall of kolar metal single skin trapezoidal profile sheeting 0.60mm (zero point six zero millimeter) thickness having 1060mm (one thousand sixty millimeter) cover width cover all width 1126mm (one thousand one hundred twenty six millimeter) 28mm (twenty eight millimeter) crest depth at 353mm (three hundred fifty three millimeter) plus 2 (two) center to center crest distance. There will be two ribs at the center for stiffening having crest depth of 2.5mm (two point five millimeter) the main crest width at top 25mm (twenty five millimeter) and at 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 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.	35.00 Running meter	735.00	Rupees Seven Hundred Thirty Five Only	Per Running meter	25725.00
4	Providing and fixing M.S.BP Sheet TATA make 1.66 to 2.00 (One point sixty six to Two point Zero Zero) millimeter thick in eaves board /facia/soffit /ceiling including cutting ,fixing and welding to steel roof members and applying a coat of red lead primer complete any height/any floor level as per direction by the Engineer in charge (base member of steel work shall be measured and paid for separately) complete in all respect 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.	25.00 Squire metre	1400.00	Rupees One Thousand Four Hundred Only	Per Square meter .	35000.00
5	Steel work in built up tubular (round, square or rectangular hollow Hot finished welded type tubes etc.) trusses etc 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 etc. complete upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	20.00 Quntal	10000.00	Rupees Ten Thousand Only	Per Quntal	200000.00
	TOTAL					499838.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					

Executive Engineer,
HPPWD Division,
Daulatpur Chowk,

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499824/-
Earnest Money: Rs. 10000/-
Time Limit : Two Month

Name of Work:- A/R & M/O Non-residential building HPPWD Rest House at Daulatpur Chowk Tehsil Ghanari , Distt. Una HP. (SH: Providing and fixing PVC wall paneling and aluminium work etc.)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Providing and fixing PVC wall paneling 6mm (six millimeter) thick with screws and approved shade and colour including mitring at junction , but jointing complete in all respect as per specification or as per approved drawing, design and as directed 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, goods service tax, labour cess or other taxes imposed by the Government	280.00 Squire metre	1185.00	Rupees One Thousand One Hundred Eighty Five Only	Per squire metre	331800.00
2	Providing and fixing PVC wall/ceiling paneling 6mm (six millimeter) thick on aluminum frame with screws and approved shade and colours including mitring at junction , but jointing complete in all respects as per specification or as per approved drawing, design and as directed 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, goods service tax, labour cess or other taxes imposed by the Government	60.00 Squire metre	1330.00	Rupees One Thousand Three Hundred Thirty Only	Per squire metre	79800.00
3	Providing and fixing aluminium work for doors, windows, ventilators and partitions make of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge for fixed portion (Powder coated aluminium (minimum thickness of powder coating 50 micron) (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	95.45 Kilogram	435.00	Rupees Four Hundred Thirty Five Only	Per kilogram	41521.00
4	Providing and fixing aluminium work for doors, windows, ventilators and partitions ake of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete for shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately Powder coated aluminium (minimum thickness of powder coating 50 micron) as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	76.78 Kilogram	450.00	Rupees Four Hundred Fifty Only	Per kilogram	34551.00

5	Providing and fixing backlight sheet in 2mm (two millimeter) thickness in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	12.40 Square metre	980.00	Rupees Nine Hundred Eighty Only	Per square metre	12152.00
	TOTAL					499824.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

JOB-14

BILL OF QUANTITY

Estimate Cost :- Rs.225000/-
Earnest Money :-Rs.4500/-
Time Limit :- One Month.

Name of Work:- Improvement of Road Safety on Various Road in Daulatpur Chowk Sub Division, Section II & III, (SH:- Providing and Erecting Convex Mirror at various RD on Blind Curves and T-Junction)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Providing and erecting in position Polycarbonate "Convex Mirror 32 Inch dia (80 Cm) of approved manufacturer duly fixed with adjustable nuts & bolts on 75 mm x 75 mm heavy duty pipe embedded to ground in M-20 Grade cement concret block 45cm x45 cm complete as per drawing and MORD technical specifications and as per the direction of the Engineer-in-charge , including carriage of materials within all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, GST, labour cess or other taxes imposed by the Government.	30.00 No.s	7500.00	Rupees Seven Thousand Five Hundred Only	Each	225000.00
	TOTAL					225000.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.