

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

No. PWD/DPD/CB-Tender/2024- 962-68  
To

Dated:- 01-07-2024

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

Subject:- Publishing of tender Notice.  
Sir,

Enclosed please find herewith tender notice of work as given in the Notice inviting Tender 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 16<sup>th</sup> July 2021 as the work mentioned in the tender notice are urgent in nature and in public interest.

DA/ Notice Inviting Tender.

And Schedule of Quantity

  
Executive Engineer,  
Daulatpur Chowk Division,  
HPPWD Daulatpur chowk.

Copy forwarded to the Superintending Engineer, 15<sup>th</sup> Circle, HPPWD

Una for information please.

Copy to All the Assistant Engineer working under this division.  
Accounts Branch and Drawing Branch in this office.  
Notice Board.

  
Executive Engineer,  
Daulatpur Chowk Division,  
HPPWD Daulatpur chowk.

## CERTIFICATE

Certified that tenders called vide this office letter No.  
PWD/DPD/CB-Tender/2024-956-61 dated 01-07-2024 are of an emergent  
nature and in the public interest.

  
Executive Engineer,  
Daulatpur chowk Division,  
HRPWD Daulatpur Chowk.

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

Sealed Percentage rates tenders on form 6 & 7/8 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** :- 08.07.2024 up to 04.00 PM  
**Date and time of issue/sale of tender forms against cash Payment** : 09.07.2024 from 02.00 PM to 5.00 PM  
**Date and time of receipt of tenders** : 10.07.2024 up to 10.30 AM  
**Date and time of opening of tenders** : 10.07.2024 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       | Balance work for Construction & M/T of link road Raipur to Bakhawa via Malian da Pind Km. 0/00 to 3/800, (SH: Providing and laying 30mm thick Bituminous Concrete with thermoplastic paints in Km. 2/970 to 2/990 and 3/045 to 3/265) Under NABARD RIDF XXVIII | 499210.00      | 10000.00      | Three Month | 350-         |
| 2       | A/R & M/O on various roads in daulatpur Chowk Sub Division, (SH: Painting to Pirthipur Bridge-I & II, Joh Bridge, Banehra Khad Bridge-II and Parapets etc.)                                                                                                    | 498926.00      | 10000.00      | Two Month   | 350-         |
| 3       | Balance work for Construction & M/T of link road Raipur to Bakhawa via Malian da Pind Km. 0/00 to 3/800, (SH: Providing and laying 30mm thick Bituminous Concrete with thermoplastic paints in Km. 3/265 to 3/510) Under NABARD RIDF XXVIII                    | 499575.00      | 10000.00      | Three Month | 350-         |
| 4       | Restoration of Rain Damages various roads in Daulatpur Chowk Sub Division, Section Daulatpur Chowk-III (SH: Dressing of berms, cleaning of drains & making loss of material)                                                                                   | 498175.00      | 10000.00      | One Month   | 350-         |
| 5       | Balance work C/O Link road Govt. High School Gagret to Harijan Basti Kaloh to Gagret Oel Ispur road (SH: C/O Cement concrete pavement with retaining wall from RD 1/400 to 1/900) under SCDP                                                                   | 499408.00      | 10000.00      | Two Month   | 350-         |
| 6       | C/O 20.00 mtr Bridge over Jadla Khad at RD 3/900 on link road Jadla Pratham to Nara Dukki km. 0/0 to 8/0, (SH- Construction of Retaining wall bridge approaches Keori side D/S) under SCDP                                                                     | 499938.00      | 10000.00      | Three Month | 350-         |
| 7       | Balance work C/O Link road Govt. High School Gagret to Harijan Basti Kaloh to Gagret Oel Ispur road (SH: C/O Cement concrete pavement with Drain from RD 1/400 to 1/900) under SCDP                                                                            | 499461.00      | 10000.00      | Two Month   | 350-         |
| 8       | Restoration of rain damages on Ambota to Shivbari road km 0/00 to 3/300, (SH-C/o P.C.C. U-shape drain at RD 2/450 to 2/570 and Hume pipe culvert at RD- 2/570( L.H.S of road)                                                                                  | 312431.00      | 6300.00       | Three Month | 350-         |
| 9       | Restoration of Rain Damages on link Lohara Basti to Durga Mata Mandir on Saloh Beri road Km 0/0 to 1/350, (SH: C/O wire crate wall in Causeway U/S & D/S at RD 0/320)                                                                                          | 498606.00      | 10000.00      | Three Month | 350-         |
| 10      | NDF/2023/946, R/O (Repair of) Restoration of rain damaged on approach road to Shiv Bari Mandir Ambota G.P. Ambota Distt. Una H.P. (SH- P/L Interlocking Concrete Paver Block from Km 0/0 to 0/065 & Hume pipe culvert at RD 0/060) Under DC Deposit            | 442882.00      | 8900.00       | Three Month | 350-         |
| 11      | Restoration of Rain Damages on link road Gondpur Banehra to Ghanari km 0/0 to 3/300, (SH:- C/O 4.00 Mtr. Span RCC slab culvert at RD 3/030).                                                                                                                   | 499769.00      | 10000.00      | Three Month | 350-         |
| 12      | Restoration of Rain Damages various roads in Gagret Sub Division, Section Gagret-I & Mubarikpur, (SH: Dressing of berms, cleaning of drains & making loss of material)                                                                                         | 499685.00      | 10000.00      | Three Month | 350-         |

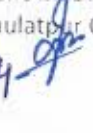
|    |                                                                                                                                                                     |           |          |             |      |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|-------------|------|
| 13 | Restoration of Rain damage on Link Road Karluhi Athmah Km 0/0 to 4/600, (SH-Construction of Edge wall and U-Shape Drain at RD 1/900 to 2/100)                       | 499730.00 | 10000.00 | Three Month | 350- |
| 14 | Restoration of Rain Damages on link road to Harizan Basti Nangal Jarialan Km. 0/0 to 2/0 , (SH- Providing Protection works to U/S side of Slab culvert at RD 1/990) | 499255.00 | 10000.00 | Three Month | 350- |
| 15 | Restoration of Rain Damages on Link road NMT road 69/0 to Raipur Society via Napian Da Talab km. 0/0 to 3/220, (SH:- C/O 900 mm dia hume pipe culvert at RD 3/200)  | 383287.00 | 7700.00  | Three 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 along with proof of ownership of machinery/legal tie up.
- 7 The Executive Engineer reserves the right to reject or cancel any or all tenders without assigning any reasons.

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

No. PWD/DPD/CB-Tender/2024- 956-61

Dated: - 01/07/24 

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, 15<sup>th</sup> 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.

# **BILL OF QUANTITY**

Estimate Cost :- Rs.499210/-  
Earnest Money :-Rs.10000/-  
Time Limit :- Three Month.

**Name of work:- Balance work for Construction & M/T of link road Raipur to Bakhawa via Malian da Pind Km. 0/00 to 3/800, (SH: Providing and laying 30mm thick Bituminous Concrete with thermoplastic paints in Km. 2/970 to 2/990 and 3/045 to 3/265) Under NABARD RIDF XXVIII**

| Sr. No. | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quantity | Rate in               |                                      | Unit             | Amount           |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|--------------------------------------|------------------|------------------|
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          | Figures               | Words                                |                  |                  |
| 1       | Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 900.00   | 55.00                 | Rupees Fifty Five Only               | Per square metre | 49500.00         |
| 2       | Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogram) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 900.00   | 19.50                 | Rupees Nineteen And Paise Fifty Only | Per square metre | 17550.00         |
| 3       | Providing and laying Bituminous concrete using crushed stone aggregates of specified grading 30mm (Thirty millimetre) compacted thick with bituminous binder VG-30 (Viscosity Grade-thirty) @ (at the rate of) 5.50% (five decimal five zero percent of total mix weight) and lime filler 2% (percentage by weight of Aggregate), with minimum 100-120 TPH capacity (hundred-one hundred twenty tonne per hour) hot mix batch type/drum type plant with electronic control, 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 CPWD specification 2019, complete and as per directions of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government. | 27 000   | 10600.00              | Rupees Ten Thousand Six Hundred Only | Per cubic metre  | 286200.00        |
| 4       | Providing and laying of hot applied thermoplastic compound 2.5mm (two point five millimeter) thick and 0.10 (zero decimal one zero) meter wide strip in centre line and 0.30 (zero decimal three zero) meter wide strip in zebra crossing including reflectorising glass beads @ 250 gms (two hundred fifty grams) per square meter area, thickness of 2.5mm (two decimal five millimeter) is exclusive of surface applied glass beads as per IRC: 35 (thirty five) in accordance with ministry of road transport specifications (Latest revision) and IRC code the finished surface to be level, uniform and free from straks and holes as per MORTH technical specification section 800 and as per the directions and entire satisfaction of the Engineer-in-Charge including carriage of all labours, equipments and materials to various location through all modes of transportation in all leads , lifts and all incidental charges. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                      | 224.50   | 580.00                | Rupees Five Hundred Eighty Only      | Per square metre | 130210.00        |
| 5       | 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 aluminum castes stud size 10x10 cm (ten into ten centimeter) provided with a mild steel zinck plated nail of dia 12mm (twelve millimetres) for fixing to roads by hammering made green/ite 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45.00    | 350.00                | Rupees Three Hundred Fifty Only      | Each             | 15750.00         |
|         | <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |                       |                                      |                  | <b>499210.00</b> |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          | Quoted Rate in Figure |                                      |                  |                  |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          | Quoted Rate in Words  |                                      |                  |                  |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          | % above/below         |                                      |                  |                  |

**Note:**

(i) The work required to be executed by using paver finisher.

  
Executive Engineer,  
HPPWD Division,  
Daultapur Chowk.

## BILL OF QUANTITY

Estimate Cost :- Rs. 498926/-  
Earnest Money :-Rs.10000/-  
Time Limit :- Two Month.

Name of work:-A/R & M/O on various roads in daultatpur Chowk Sub Division, (SH: Painting to Pirthipur Bridge-I & II, Joh Bridge, Banehra Khad Bridge-II and Parapets etc.)

| Sr. No. | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quantity             | Rate in       |                                    | Unit             | Amount           |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------|------------------------------------|------------------|------------------|
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      | Figures       | Words                              |                  |                  |
| 1       | Removing white or oil bound washable distemper by scrapping and preparing the surface smooth including necessary repairs to scratches etc as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                      | 2855.08 Square metre | 13.00         | Rupees Thirteen Only               | Per Square metre | 37116.00         |
| 2       | Providing and applying white cement based putty of average thickness 1 mm (one millimeter), of approved brand and manufacturer J.K wall Putty/ 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.                        | 999.28 Square metre  | 85.00         | Rupees Eighty Five Only            | Per Square metre | 84939.00         |
| 3       | 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. | 2855.08 Square metre | 132.00        | Rupees One Hundred Thirty Two Only | Per Square metre | 376871.00        |
|         | <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |               |                                    |                  | <b>498926.00</b> |
|         | Quoted Rate in Figure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      | % above/below |                                    |                  |                  |
|         | Quoted Rate in Words                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |               |                                    |                  |                  |

Executive Engineer,  
HPPWD Division,  
Daultatpur Chowk.

# **BILL OF QUANTITY**

Estimate Cost :- Rs.499575/-  
Earnest Money :-Rs.10000/-  
Time Limit :- Three Month.

Name of work:- Balance work for Construction & M/T of link road Raipur to Bakhawa via Malian da Pind Km. 0/00 to 3/800, (SH: Providing and laying 30mm thick Bituminous Concrete with thermoplastic paints in Km. 3/265 to 3/510) Under NABARD RIDF XXVIII

| Sr. No. | Description of item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quantity | Rate in               |                                      | Unit             | Amount           |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|--------------------------------------|------------------|------------------|
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | Figures               | Words                                |                  |                  |
| 1       | Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 918.75   | 55.00                 | Rupees Fifty Five Only               | Per square metre | 50531.00         |
| 2       | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 918.75   | 19.50                 | Rupees Nineteen And Paise Fifty Only | Per square metre | 17916.00         |
| 3       | Providing and laying Bituminous concrete using crushed stone aggregates of specified grading 30mm (Thirty millimetre) compacted thick with bituminous binder VG-30 (Viscosity Grade-thirty) @ (at the rate of) 5.50% (five decimal five zero percent of total mix weight) and lime filler 2% (percentage by weight of Aggregate), with minimum 100-120 TPH capacity (hundred- one hundred twenty tonne per hour) hot mix batch type/drum type plant with electronic control, 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 CPWD specification 2019, complete and as per directions of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government. | 27.563   | 10600.00              | Rupees Ten Thousand Six Hundred Only | Per cubic metre  | 292168.00        |
| 4       | Providing and laying of hot applied thermoplastic compound 2.5mm (two point five millimeter) thick and 0.10 (zero decimal one zero) meter wide strip in centre line and 0.30 (zero decimal three zero) meter wide strip in zebra crossing including reflectorising glass beads @ 250 gms (two hundred fifty grams) per square meter area, thickness of 2.5mm (two decimal five millimeter) is exclusive of surface applied glass beads as per IRC: 35 (thirty five) in accordance with ministry of road transport specifications (Latest revision) and IRC code the finished surface to be level, uniform and free from straks and holes as per MORTH technical specifications section 800 and as per the directions and entire satisfaction of the Engineer-in-Charge including carriage of all labours, equipments and materials to various location through all modes of transportation in all leads , lifts and all incidental charges. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                      | 224.50   | 580.00                | Rupees Five Hundred Eighty Only      | Per square metre | 130210.00        |
| 5       | 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 aluminum castes stud size 10x10 cm (ten into ten centimeter) provided with a mild steel zinck plated nail of dia 12mm (twelve millimetres) for fixing to roads by hammering made green/ite 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 25.00    | 350.00                | Rupees Three Hundred Fifty Only      | Each             | 8750.00          |
|         | <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                       |                                      |                  | <b>499575.00</b> |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | Quoted Rate in Figure |                                      | % above/below    |                  |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | Quoted Rate in Words  |                                      |                  |                  |

Note:

(i) The work required to be executed by using paver finisher.

Executive Engineer,  
HPPWD Division,  
Daulapur Chowk

# **DRAFT BILL OF QUANTITY**

Estimated Cost: Rs.4,98,175/-  
 Earnest Money: Rs.10000/-  
 Time Limit : One Month.

**Name of Work:- Restoration of Rain Damages various roads in Daulatpur Chowk Sub Division, Section Daulatpur Chowk-III (SH: Dressing of berms, cleaning of drains & making loss of material)**

| 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.                                                                 | 8389.00 Square metre  | 15.00                 | Rupees Fifteen Only                     | Per Square metre  | 125835.00        |
| 2            | Construction of unlined surface drains of average cross-sectional area 0.40 sqm (zero decimal four zero) in soil to specified lines, grades, levels and dimensions. Excavated material to be used in embankment as per Technical Specification Clause 307 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. | 3300.00 Running metre | 35.00                 | Rupees Thirty Five Only                 | Per running metre | 1,15,500.00      |
| 3            | Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any lead as per technical specification Clause 1903 as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.                            | 3276.00 Square metre  | 40.00                 | Rupees Forty Only                       | Per Square metre  | 1,31,040.00      |
| 4            | Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material upto any lift and lead as per technical specification 302.3.5 and 1611 including carriage of materials within all leads, lifts and other incidentals.                                                                                                                                                                                                           | 1480.00 Cubic metre   | 85.00                 | Rupees sixty and paise forty five only. | Per Cubic metre   | 125800.00        |
| <b>TOTAL</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                       |                                         |                   | <b>498175.00</b> |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | % above/below         |                                         |                   |                  |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | Quoted Rate in Figure |                                         |                   |                  |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | Quoted Rate in Words  |                                         |                   |                  |

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

# DRAFT BILL OF QUANTITY

Estimated Cost: Rs.499408/-  
Earnest Money: Rs.10000/-  
Time Limit : Two Month

Name of Work:- Balance work C/O Link road Govt. High School Gagret to Harijan Basti Kaloh to Gagret Oel Ispur road (SH: C/O Cement concrete pavement with retaining wall from RD 1/400 to 1/900) under SCDP

| Sr. No.               | Sub-Head and Items of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quantity      | Rates in    |                                                    | Unit            | Amount    |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|----------------------------------------------------|-----------------|-----------|
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | Figures     | Words                                              |                 |           |
| 1                     | Earth work in excavation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government | 1.93          | Cubic metre | 150.00<br>Rupees One Hundred Ninety Only           | Per cubic metre | 367.00    |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6.30          | Cubic metre | 3400.00<br>Rupees Three Thousand Four Hundred Only | Per cubic metre | 21420.00  |
| 3                     | Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 25 (M-Twenty ) with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate 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 toe walls etcetera including cost of form work and curing complete as per MORTH technical specification section 802, 804, 805, 806, 807, 1202 and 1204 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 67.38         | Cubic metre | 5700.00<br>Rupees Five Thousand Seven Hundred Only | Per Cubic metre | 384066.00 |
| 4                     | 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, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1039.50       | KG          | 90.00<br>Rupees Ninety Only                        | Per Kg          | 93555.00  |
| TOTAL                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |             |                                                    |                 | 499408.00 |
| Quoted Rate in Figure |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | % above/below |             |                                                    |                 |           |
| Quoted Rate in Words  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |             |                                                    |                 |           |

Executive Engineer,  
HPPWD Division,  
Daulatpur Chowk.

# DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499938/-  
Earnest Money: Rs. 10000/-  
Time Limit : Three Month

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

| Sr. No. | Sub-Head and Items of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quantity              | Rates in      |                                        | Unit            | Amount    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|----------------------------------------|-----------------|-----------|
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       | Figures       | Words                                  |                 |           |
| 1       | Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government. | 31.20 Cubic metre     | 250.00        | Rupees Two Hundred Fifty Only          | Per cubic metre | 7800.00   |
| 2       | Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/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, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128.120 Cubic metre   | 3600.00       | Rupees Three Thousand Six Hundred Only | Per cubic metre | 461232.00 |
| 3       | Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 54.00 Number          | 230.00        | Rupees Two Hundred Thirty Only         | Each            | 12420.00  |
| 4       | Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 23.40 Cubic metre     | 790.00        | Rupees Seven Hundred Ninety Only       | Per cubic metre | 18486.00  |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TOTAL                 |               |                                        |                 | 499938.00 |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quoted Rate in Figure | % above/below |                                        |                 |           |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quoted Rate in Words  |               |                                        |                 |           |

Executive Engineer,  
HPPWD Division,  
Daulatpur Chowk

# DRAFT BILL OF QUANTITY

Estimated Cost: Rs.499461/-  
Earnest Money: Rs.10000/-  
Time Limit : Two Month

Name of Work:- Balance work C/O Link road Govt. High School Gagret to Harijan Basti Kaloh to Gagret Oel Ispur road (SH: C/O Cement concrete pavement with Drain from RD 1/400 to 1/900) under SCDP

| Sr. No.               | Sub-Head and Items of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quantity      | Rates in |                                         | Unit            | Amount    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|-----------------------------------------|-----------------|-----------|
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | Figures  | Words                                   |                 |           |
| 1                     | Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government. | 3 30          | 190 00   | Rupees One Hundred Ninety Only          | Per cubic metre | 627 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5 22          | 3400 00  | Rupees Three Thousand Four Hundred Only | Per cubic metre | 17748 00  |
| 3                     | Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 25 (M-Twenty ) with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate 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 toe walls etcetera including cost of form work and curing complete as per MORTH technical specification section 802, 804, 805, 806, 807, 1202 and 1204 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 67 38         | 5700 00  | Rupees Five Thousand Seven Hundred Only | Per Cubic metre | 384066 00 |
| 4                     | 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, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1078 00       | 90 00    | Rupees Ninety Only                      | Per Kg          | 97020 00  |
| TOTAL                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |          |                                         |                 | 499461 00 |
| Quoted Rate in Figure |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | % above/below |          |                                         |                 |           |
| Quoted Rate in Words  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |          |                                         |                 |           |

Executive Engineer,  
HPPWD Division,  
Daultapur Chowk.

# DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 312431/-  
Earnest Money: Rs. 6300/-  
Time Limit : Three Months

Name of Work:- Restoration of rain damages on Ambota to Shivbari road km 0/00 to 3/300, (SH-C/o P.C.C. U-shape drain at RD 2/450 to 2/570 and Hume pipe culvert at RD. 2/570( L.H.S of road)

| 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. | 79.43 Cubic metre.  | 250.00   | Rupees Two Hundred Fifty Only           | Per cubic metre   | 19858.00  |
| 2                     | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 51.900 Cubic metre. | 4000.00  | Rupees Four Thousand Only               | Per cubic metre   | 207600.00 |
| 3                     | Providing and laying ( to level or slope) 900mm dia (nine hundred millimetre ) diameter reinforced cement concrete heavy duty non pressure pipes IS Class NP-2 for culverts on first class bedding of 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, concrete and masonry work in head walls and parapets as per CPWD specification 2019 complete and 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.                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5.000 Running Metre | 4000.00  | Rupees Four Thousand Only               | Per Running Metre | 20000.00  |
| 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/depths and any quantum of water, in Abutments, Return wall, toe wall and the like etcetera including cost of form work and curing complete as per CPWD specification 2019 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.                                                                                                                                                                                                                                                                      | 15.11 Cubic metre   | 4300.00  | Rupees Four Thousand Three Hundred Only | Per Cubic metre   | 64973.00  |
| Total Amount          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |                                         |                   | 312431.00 |
| % above/below         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |                                         |                   |           |
| Quoted Rate in Figure |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |                                         |                   |           |
| Quoted Rate in Words  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |                                         |                   |           |

Executive Engineer,  
HPPWD Division,  
Daulatpur Chowk.



## BILL OF QUANTITY

Estimate Cost :- Rs.498606/-  
Earnest Money :-Rs.10000/-  
Time Limit :- Three Month.

Name of Work:- Restoration of Rain Damages on link Lohara Basti to Durga Mata Mandir on Saloh Beri road Km 0/0 to 1/350, (SH:- C/O wire crate wall in Causeway U/S & D/S at RD 0/320)

| Sr. No. | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quantity           | Rate in       |                                             | Unit            | Amount           |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------|---------------------------------------------|-----------------|------------------|
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    | Figures       | Words                                       |                 |                  |
| 1       | Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government. | 110.28 Cubic metre | 250.00        | Rupees Two Hundred Fifty Only               | Per cubic metre | 27570.00         |
| 2       | Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3.60 Cubic metre   | 3600.00       | Rupees Three Thousand Six Hundred Only      | Per cubic metre | 12960.00         |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 155.28 Cubic metre | 2950.00       | Rupees Two Thousand Nine Hundred Fifty Only | Per Cubic metre | 4,58,076.00      |
|         | <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |               |                                             |                 | <b>498606.00</b> |
|         | Quoted Rate in Figure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    | % above/below |                                             |                 |                  |
|         | Quoted Rate in Words                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |               |                                             |                 |                  |

Executive Engineer,  
HPPWD Division,  
Daultapur Chowk



# DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 442882/-  
Earnest Money: Rs. 8900/-  
Time Limit : Three Months

Name of Work:- NDF/2023/946, R/O (Repair of) Restoration of rain damaged on approach road to Shiv Bari Mandir Ambota G.P. Ambota Distt. Una H.P. (SH- P/L Interlocking Concrete Paver Block from Km 0/0 to 0/065 & Hume pipe culvert at RD 0/060)

| 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. | 3.90 Cubic metre.   | 250.00   | Rupees Two Hundred Fifty Only          | Per cubic metre  | 975.00    |
| 2       | Providing and laying factory made chamfered edge Cement Concrete paver blocks 60mm (Sixty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm/fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                | 208.00 Square metre | 760.00   | Rupees Seven Hundred Sixty Only        | Per Square metre | 158080.00 |
| 3       | 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, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                       | 9.75 Cubic metre.   | 4600.00  | Rupees Four Thousand Six Hundred Only  | Per cubic metre  | 44850.00  |
| 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/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.                                                                                                                                                                                                                                          | 36.24 Cubic metre.  | 3600.00  | Rupees Three Thousand Six Hundred Only | Per cubic metre  | 130464.00 |

| Sr. No.               | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quantity           | Rates in |                                         | Unit              | Amount        |
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|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    | Figures  | Words                                   |                   |               |
| 5                     | 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.                                                                                                                                                                                                                                                                                                                                                     | 11.00 Number       | 240.00   | Rupees Two Hundred Forty Only           | Each              | 2640.00       |
| 6                     | Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) with minimum Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate (40mm) forty millimeter nominal size) in substructure, in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, in Abutments, Return wall, toe wall and the like etcetera including cost of form work and curing complete as per CPWD specification 2019 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.                                                                                                                                                                                                                                                       | 18.91 Cubic metre  | 4300.00  | Rupees Four Thousand Three Hundred Only | Per Cubic metre   | 81313.00      |
| 7                     | Providing and laying ( to level or slope) 900mm dia (nine hundred millimetre ) diameter reinforced cement concrete heavy duty non pressure pipes IS Class NP-2 for culverts on first class bedding of 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, concrete and masonry work in head walls and parapets as per CPWD specification 2019 complete and 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.                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.00 Running Metre | 4000.00  | Rupees Four Thousand Only               | Per Running Metre | 20000.00      |
| 8                     | 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. | 19.00 Cubic metre. | 240.00   | Rupees Two Hundred Forty Only           | Per cubic metre   | 4560.00       |
| Total Amount          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |          |                                         |                   | 442882.00     |
| Quoted Rate in Figure |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |          |                                         |                   | % above/below |
| Quoted Rate in Words  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |          |                                         |                   |               |

  
 Executive Engineer,  
 HPPWD Division,  
 Daulatpur Chowk.

# DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499769/-  
Earnest Money: Rs. 10000/-  
Time Limit : Three Month.

Name of Work:- Restoration of Rain Damages on link road Gondpur Banehra to Ghanari km 0/0 to 3/300 , (SH:- C/O 4.00 Mtr. Span RCC slab culvert at RD 3/030).

| Sr. No. | Sub-Head and Items of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quantity |              | Rates in |                                         | Unit            | Amount    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|----------|-----------------------------------------|-----------------|-----------|
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Figures  | Words        | 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. | 48.81    | Cubic metre. | 250.00   | Rupees Two Hundred Fifty Only           | Per cubic metre | 12203.00  |
| 2       | 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, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5.77     | Cubic metre. | 3900.00  | Rupees Three Thousand Nine Hundred Only | Per cubic metre | 22503.00  |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 66.30    | Cubic metre  | 4200.00  | Rupees Four Thousand Two Hundred Only   | Per cubic metre | 278460.00 |

| Sub-Head and Items of work |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             |               |                                         |                 |           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|---------------|-----------------------------------------|-----------------|-----------|
| Sr. No.                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 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 like etcetera up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government. | 3.13     | Cubic metre | 4700.00       | Rupees Four Thousand Seven Hundred Only | Per Cubic metre | 14711.00  |
| 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 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.                          | 9.79     | Cubic metre | 6100.00       | Rupees Six Thousand One Hundred Only    | Per Cubic metre | 59719.00  |
| 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.                                                                                                                                                                                   | 1194.08  | Kg          | 86.50         | Rupees Eighty Six And Paise Fifty Only  | Per Kg          | 103288.00 |
| 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.                                                                                                                                                                                                                                                                        | 8.57     | Cubic metre | 780.00        | Rupees Seven Hundred Eighty Only        | Per Cubic metre | 6685.00   |
| 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.                | 10.00    | Number      | 220.00        | Rupees Two Hundred Twenty Only          | Each            | 2200.00   |
| TOTAL                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             |               |                                         |                 |           |
| Quoted Rate in Figure      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             |               |                                         | 499769.00       |           |
| Quoted Rate in Words       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             |               |                                         |                 |           |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |             | % above/below |                                         |                 |           |

# **DRAFT BILL OF QUANTITY**

Estimated Cost: Rs.4,99,685/-  
Earnest Money: Rs.10000/-  
Time Limit : One Month.

**Name of Work:- Restoration of Rain damage various roads in Gagret Sub Division, Section Gagret-I & Mubarikpur, (SH: Dressing of berms, cleaning of drains & making loss of material)**

| 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.                                                                 | 8389.00 Square metre  | 15.00                 | Rupees Fifteen Only                     | Per Square metre  | 125835.00        |
| 2            | Construction of unlined surface drains of average cross-sectional area 0.40 sqm (zero decimal four zero) in soil to specified lines, grades, levels and dimensions. Excavated material to be used in embankment as per Technical Specification Clause 307 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. | 3550.00 Running metre | 35.00                 | Rupees Thirty Five Only                 | Per running metre | 1,24,250.00      |
| 3            | Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any lead as per technical specification Clause 1903 as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.                            | 3095.00 Square metre  | 40.00                 | Rupees Forty Only                       | Per Square metre  | 1,23,800.00      |
| 4            | Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material upto any lift and lead as per technical specification 302.3.5 and 1611 including carriage of materials within all leads, lifts and other incidentals.                                                                                                                                                                                                           | 1480.00 Cubic metre   | 85.00                 | Rupees sixty and paise forty five only. | Per Cubic metre   | 125800.00        |
| <b>TOTAL</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                       |                                         |                   | <b>499685.00</b> |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | Quoted Rate in Figure |                                         |                   |                  |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | Quoted Rate in Words  |                                         |                   |                  |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | % above/below         |                                         |                   |                  |

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

# DRAFT BILL OF QUANTITY

Estimated Cost: Rs.499730/-  
Earnest Money: Rs.10000/-  
Time Limit : Three Month

Name of Work:- Restoration of Rain damage on Link Road Karluhi Athmah Km 0/0 to 4/600, (SH-Construction of Edge wall and U-Shape Drain at RD 1/900 to 2/100)

| 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. | 160.00   | Cubic metre   | Rupees Two Hundred Fifty Only          | Per cubic metre | 40000.00         |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 50.925   | Cubic metre   | Rupees Three Thousand Six Hundred Only | Per cubic metre | 183330.00        |
| 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 40mm (Forty 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 68.00    | Cubic metre   | Rupees Four Thousand Only              | Per cubic metre | 272000.00        |
| 4       | Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less than 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20.00    | Number        | Rupees Two Hundred Twenty Only         | Each            | 4400.00          |
|         | <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |               |                                        |                 | <b>499730.00</b> |
|         | Quoted Rate in Figure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          | % above/below |                                        |                 |                  |
|         | Quoted Rate in Words                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |               |                                        |                 |                  |

Executive Engineer,  
HPPWD Division,

# DRAFT BILL OF QUANTITY

Name of Work:- Restoration of Rain Damages on link road to Harizan Basti Nangal Jarialan Km. 0/0 to 2/0 , (SH- Providing Protection works to U/S side of Slab culvert at RD 1/990)

Estimated Cost: Rs. 499255/-  
 Earnest Money: Rs.10000/-  
 Time Limit : Three Month

| 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. | 48.58 Cubic metre  | 250.00        | Rupees Two Hundred Fifty Only          | Per cubic metre | 12145.00  |
| 2                     | Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water) including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 124.88 Cubic metre | 3600.00       | Rupees Three Thousand Six Hundred Only | Per cubic metre | 449568.00 |
| 3                     | Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 32.00 Number       | 240.00        | Rupees Two Hundred Forty Only          | Each            | 7680.00   |
| 4                     | Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 37.80 Cubic metre  | 790.00        | Rupees Seven Hundred Ninety            | Per cubic metre | 29862.00  |
| TOTAL                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |               |                                        |                 | 499255.00 |
| Quoted Rate in Figure |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    | % above/below |                                        |                 |           |
| Quoted Rate in Words  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |               |                                        |                 |           |

Executive Engineer,  
 HPPWD Division,

# DRAFT BILL OF QUANTITY

Estimated Cost: Rs.383287/-  
 Earnest Money: Rs.7700/-  
 Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on Link road NMT road 69/0 to Raipur Society via Napian Da Talab km. 0/0 to 3/220, (SH:- C/O 900 mm dia hume pipe culvert at RD3800)

| 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. | 60.18 Cubic metre  | 250.00   | Rupees Two Hundred Fifty Only               | Per cubic metre | 15045.00  |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3.46 Cubic metre   | 4000.00  | Rupees Four Thousand Only                   | Per Cubic metre | 13840.00  |
| 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 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 58.200 Cubic metre | 3600.00  | Rupees Three Thousand Six Hundred Only      | Per cubic metre | 209520.00 |
| 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  | 4250.00  | Rupees Four Thousand Two Hundred Fifty Only | Per Cubic metre | 99784.00  |

| 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 into two sand) but excluding the cost of excavation, protection works, back filling, pipe bedding concrete and masonry work in head walls and parapets as per drawing and M.O.R.D. technical specifications clause 1101.5 and as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, Malkana, GST, toll tax, sale tax or other taxes imposed by the Government.                                                                         | 10.00 Running Metre | 4000.00  | Rupees Four Thousand Only        | Per Running Metre | 40000.00         |
| 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 than 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government. | 16.00 Number        | 220.00   | Rupees Two Hundred Twenty Only   | Each              | 3520.00          |
| 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    | 790.00   | Rupees Seven Hundred Ninety Only | Per cubic metre   | 1578.00          |
|         | <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |                                  |                   | <b>383287.00</b> |
|         | Quoted Rate in Figure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | % above/below       |          |                                  |                   |                  |
|         | Quoted Rate in Words                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |          |                                  |                   |                  |

  
 Executive Engineer,  
 HPPWD Division,  
 Daulatpur Chowki