

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

Sealed item rate tender on form No. 6 & 8 are hereby invited by the **Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan** on behalf of Governor of Himachal Pradesh for the following work from the approved and eligible contractors enlisted in HP PWD (B & R) whose registration stood renewed as per revised rules so as to reach in his office on or before on **15.02.2024** up to **11:00 A.M.** And the same shall be opened on the same day at **04:00 P.M.** in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on **14.02.2024** up to **4:00 P.M** and the application for issue of tender form shall be received on **13.02.2024** up to **12:00 noon**. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

The conditional tender and the tender received without earnest money will summarily be rejected. The offer of the tender shall be kept open for 120 days.

| Sr. No. | Name of work | Estimated Cost | Earnest Money | Time limit |
|---------|--|----------------|---------------|--------------|
| 1. | 1. Hydraulic data of 55 mtr span bridge over Bathu Khad at RD 1/350 on link road Lahar to Chelian via Theru 0/000 to 4/900. 2. Hydraulic data of 45 mtr. Span bridge over Nareli Khad at RD 3/650 on link road Lahar to Chelian via Theru 0/000 to 4/900). 3. Bridge Estimate of 55. Mtr span bridge over bathu Khad at RD 1/350 on link road Lahar Chelian via Theru 0/000 to 4/900). (SH:- Bridge Estimate of 45 mtr span bridge over Nareli Khad at RD 3/650 on link road Lahar to Chelian via Theru 0/000 to 4/900). | 230000/- | 4600/- | Three months |
| 2. | 1. Construction of Baldhar Ramehar Panjpullu road 0/000 to 9/200 Km 2. Construction of link road Lahar to Chelian via Theru Har 0/000 to 4/900 including 2 no bridge over Bathu khad & Nareli khad)(SH:-Preparation of detailed project report under NABARD | 380700/- | 7600/- | Three months |
| 3. | Construction of Rajiv Gandhi Govt. Engineering College Kangra at Nagrota Bagwan in Distt Kangra (HP) (SH:-Construction of finishing work of gate) | 499770/- | 10000/- | Three months |
| 4. | Restoration of rain damages on link road from Kangra Tanda Sadarpur road in Distt Kangra (HP) (SH:-Supply and fixing Cat Eyes in Km 0/000 to 3/200 etc; (Under Telecom Deposit) | 499200/- | 10000/- | One month |
| 5. | Restoration of rain damages on Nagrota Massal Rajhoon road Km 0/000 to 8/000 in Distt Kangra (HP) (SH:-Supply and fixing Cat eyes in Km 4/000 to 8/000 etc; (Under Telecom Deposit). | 499200/- | 10000/- | One month |
| 6. | Restoration of rain damages on link road from Kangra Tanda Sadarpur road in Distt Kangra (HP) (SH:-Construction of footpath along the road from Sarai Building to Type-III Qtr colony right side (Under Telecom Deposit). | 499946/- | 10000/- | Two months |
| 7. | Restoration of rain damages on link road from NH-303 to Shaheed Baramdass Marg in Distt Kangra (HP) (SH:-Providing and laying interlocking concrete paver block) (Telecom Deposit) | 498602/- | 10000/- | Two months |
| 8. | Special repair to Paraclinic block in Dr RPGMC Tanda Distt Kangra (HP) (SH:-Balance work of Dismantling tile, repair of plaster floor tile, wall tile, etc WS & SI in Paraclinic block left side Duct (Female Toilet) | 498132/- | 10000/- | Two months |
| 9. | Restoration of rain damages on link road from Nagrota Massal Rajhoon road to Parmar Basti in Distt Kangra (HP) (SH:-Construction of retaining wall in Km 0/865 to 0/875 (Under Telecom Deposit) | 495624/- | 10000/- | Two months |
| 10. | Restoration of rain damages on link road from Kangra Tanda Sadarpur road in Distt kangra (HP) (SH:-Construction of footpath along the road from Sarai building to Type-III Qtr colony left side (under Telecom Deposit). | 499896/- | 10000/- | Two months |
| 11. | Restoration of rain damages on on Nagrota Baldhar Dhaloon road Km 0/000 to 9/600 in Distt Kangra (HP) (SH:-Balance work of roundabout Baldhar Jassour Chowk at RD 2/090 and extension of road etc; (Under Telecom Deposit) | 409290/- | 8200/- | Two months |
| 12. | Construction of Govt. Senior Secondary School at Baldhar in District Kangra (Himachal Pradesh) deposit work) (SH:-Construction of Septic tank with retaining wall etc;) | 251660/- | 5050/- | Two months |
| 13. | Restoration of rain damages near the house of Sh Desh Raj and Sh Harnaam Singh House Bhaloona in G.P. Sarotari in Distt Kangra (HP) (SH:-Construction of retaining wall (DC Deposit) | 192390/- | 3850/- | Two months |

| | | | | |
|-----|--|----------|---------|--------------|
| 14. | Special repair to Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (Deposit work) (SH:-Flushing , cleaning PVC water tank 500,1000& 5000 litters capacity and other RCC tanks in Super Specialty Block, 500 bedded Hospital, Residential Building and other Building in the complex etc;) | 493750/- | 9900/- | Two months |
| 15. | Construction of link road from Bada Naun to Chhota Naun in Distt Kangra (HP) (SH:-Improvement of formation deficiency (under SCSP Head) | 499973/- | 10000/- | Two months |
| 16. | Restoration of rain damages on link road from Kangra Tanda Sadarpur in Distt Kangra (HP) Under Telecom Deposit (SH:-Construction of finishing work of Gate etc;) | 499770/- | 10000/- | Three months |
| 17. | Restoration of rain damages on link road from Kawari to Rahnun in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement and C/o road side drain in Km 0/100 to 0/250). | 496298/- | 10000/- | Two months |
| 18. | Restoration of rain damages on link road from Nagrota Massal Rajhoon road Km 0/000 to 8/000 in Distt Kangra (HP) (SH:-Construction of roundabout near junction NH-303(Under Telecom Deposit) | 499744/- | 10000/- | Two months |
| 19. | Restoration of rain damages on link road from Kawari to Rahnun in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement and C/o road side drain in Km 0/250 to 0/400). | 498621/- | 10000/- | Two months |

Terms & Conditions:-

1. The contractor/firm should be registered as or dealer GST No.
2. The intending contractor / firm have to produce the copy of latest enlistment and renewal enlisted in HPPWD.
3. If any of the date mentioned above happened to be Gazetted Holidays the same shall be processed on next working day.
4. The Executive Engineer reserves the right to accept/reject any tender/application or all tenders without assigning any reason.
5. The Contractor will have to submit affidavit along with application for issue of tender that he has not more than two works in hand.
6. Next tender will be issued only after completion of previous works in hand.

HIMSUCHANA AVAM & JAN SAMPARK

Executive Engineer
H.P.P.W.D. Tanda Division
at Nagrota Bagwan

No.PW/NBD/TA/Tender/NIT/2023-24- **15495-15524** (On behalf of Governor of Himachal Pradesh)
Copy to the following for information and necessary action:-
Dated/ **1-2-2024**

1. The Principal Secy. (PW) to the Govt. of H.P. Shimla.
2. The Engineer-in-Chief, HPPWD, Shimla.
3. The Chief Engineer (KZ), HPPWD, Dharamshala.
4. The Director, Information & Publications Department, H.P. Shimla
5. The Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the department website.
6. The Superintending Engineer, 5th Circle, HPPWD, Palampur.
7. The Principal, Dr. RPGMC, Tanda.
8. The Deputy Commissioner, Kangra at Dharamshala.
9. All the S.E.s/E.E.s under North Zone.
10. The Sub-Divisional Officer(C) Nagrota Bagwan.
11. The Block Development Office Nagrota Bagwan
12. All the Assistant Engineer under this Division.
13. The Drawing /Accounts Branch in this office.
14. The Contractors concerned.
15. Notice Board.

Executive Engineer
H.P.P.W.D. Tanda Division
at Nagrota Bagwan

SCHEDULE OF QUANTITY

NAME OF WORK :- 1 HYDRAULIC DATA OF 55 MTR SPAN BRIDGE OVER BATHU KHAD AT RD 1/350 ON LINK ROAD LAHAR TO CHELIAN VIA THERU 0/000 TO 4/900.
 2) HYDRAULIC DATA OF 45 MTR SPAN BRIDGE OVER NARELI KHAD AT RD 3/650 ON LINK ROAD LAHAR TO CHELIAN VIA THERU 0/000 TO 4/900.
 3) BRIDGE ESTIMATE OF 55 MTR SPAN BRIDGE OVER BATHU KHAD AT RD 1/350 ON LINK ROAD LAHAR TO CHELIAN VIA THERU 0/000 TO 4/900.
 4) BRIDGE ESTIMATE OF 45 MTR SPAN BRIDGE OVER NARELI KHAD AT RD 3/650 ON LINK ROAD LAHAR TO CHELIAN VIA THERU 0/000 TO 4/900.

| | |
|----------------|-----------|
| Estimated Cost | 230000.00 |
| Earnest Money | 4600.00 |

| | |
|------------|--------------|
| Time Limit | Three Months |
|------------|--------------|

SUB-HEAD:-Preparation of Hydraulic data and Preparation of Bridge Estimate

| Sr. No. | Description of Items | Quantity | RATES | Unit | In Words | Amount |
|---------|---|----------|-------|------|----------|--------|
| 1 | 2 | 3 | 4 | 5 | | 6 |
| 1 | Preparation of Hydraulic data complete in all respect in manuscript form and submission of the same in higher office for approval. If any correction/amendment has desired by the head office the same may be corrected as desired and directed by the Engineer-in-Charge and higher office complete in all respect, After approval of the hydraulic data from the higher office, the same will be submitted in fair shape to this office in two numbers of copies and payment shall be made after the approval of the same by the higher office. The rate shall be inclusive of all taxes imposed by the Government. | 2.00 | | Each | | |
| 2 | Preparation of Detailed Project Report of Bridge in shape of manuscript along with drawing which include the following provision as given below :- and drawing complete in all respect in manuscript form and submission of the same to higher office for approval. If any correction / amendment has desired by the head office. The same may be corrected as desired and directed by the Engineer - In - Charge complete in all respect. After approval , the same should be submitted in two no. set of fair DPR and Drawing again if any correction / amendment as desired by Head offices.. | 2.00 | | Each | | |
| TOTAL | | | | | | |

EXECUTIVE ENGINEER
 HPPWD DIVISION TANDA
 AT NAGROTA BAGWAN

SCHEDULE OF QUANTITY

NAME OF WORK:- 1)CONSTRUCTION OF BALDHAR RAMEHAR PANIPULLY ROAD 0/000 TO 9/200 KM.

2)CONSTRUCTION OF LINK ROAD LAHAR TO CHELIAN VIA THERU HAR 0/00 TO 4/900 INCLUDING 2 NO. BRIDGE OVER BATHU KHAD & NARELI KHAD.

| | |
|----------------|--------------|
| Estimated Cost | 380700.00 |
| Earnest Money | 7600.00 |
| Time Limit | THREE MONTHS |

SUB-HEAD:- Preparation of Detailed Project Report Under NABARD

| Sr. No. | Description of Items | Quantity | RATES | Unit | In Words | Amount |
|---------|---|----------|-------|---------------|----------|--------|
| 1 | 2 | 3 | 4 | 5 | | 6 |
| 1 | Preparation of Detailed Project Report in shape of manuscript along with drawing which include the following provision as given below :- and drawing complete in all respect in manuscript from and submission of the same to higher office for approval. If any correction / amendment has directed by the head office. The same may be corrected as desired and approved by the Engineer - In - Charge complete in all respect. After Drawing again if any correction / amendment as desired by Head offices. . | 14.100 | | Per kilometre | | |
| a) | Topography Survey by Digital Total station with two second accuracy, showing all offsets such as Trees, Culverts, Bridge, Electric poles, Hand Pumps Schools, Habitant's Villages etc. | | | | | |
| b) | Draw Cross Section at 15 m (Fifteen Meter) intervals, L- Section & calculate the quantity of earth work in standard format of Auto CAD showing all layers of pavement components. | | | | | |
| c) | Preparation of Survey Plan showing all provision and preparation of detailed project report as per HPPWD specification and NABARD Guidelines. | | | | | |
| TOTAL | | | | | | |

EXECUTIVE ENGINEER
HPPWD DIVISION TANDA
AT NAGROTA BAGWAN

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499770.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :-

Construction of Rajiv Gandhi Govt. Engineering College Kangra at Nagrota Bagwan in Distt. Kangra (H.P.). Deposit work.

SUB-HEAD :-

Construction of finishing work of Gate etc.;

| Sr No. | Description of items | Quantity | RATES | | Unit | Amount |
|----------|--|----------------------|--------|----------|------------------|--------|
| | | | In fig | In words | | |
| 1 | Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials within all leads, lifts and other incidentals. | 277.06 Kilogram | | | Per kilo-gram | |
| 2 | Providing and fixing 6mm (Six millimetre) ACP Sheet of required colour and shade for panelling with necessary screws etc; complete and as directed by the Engineer-in-Charge, including entire carriage of material within all leads, lifts and other incidentals. | 115.18 Square metres | | | Per square metre | |
| 3 | Providing and fixing 12mm (Twelve millimetre) Unistone cladding on Reinforced Cement Concrete surface sides as on faces of Arch/ masonry walls etcetera on 12mm (Twelve millimetre) thick cement plaster 1:3 (One cement : Three sand) and jointed with cement slurry including scaffolding etcetera complete including carriage of material within all leads, lifts and other incidentals, as per approved specifications, drawing, design and as directed by the Engineer-in-charge. | 46.05 Square metres | | | Per Square metre | |
| 4 | Painting Two more coats on new work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. | 18.15 Square metres | | | Per square metre | |
| 5 | Providing and laying 16 to 20 mm (Sixteen to Twenty millimetres) thick granite stone (table rubbed and polished) required shade in flooring/skirting 20mm (Twenty millimetres) thick in cement mortar 1:3 (1 cement:3 sand) laid over jointed with grey cement slurry mixed with pigment to match the shade of granite stone including, polishing, noising & moulding in single or in double layer complete upto all floors level complete including carriage of material within all leads, lifts and other incidentals. | 8.15 Square metres | | | Per square metre | |
| 6 | Providing and fixing 6mm (Six millimetre) ACP Sheet of required any colour and shade for material with Golden letters with necessary screws etc; fitting complete and as directed by the Engineer-in-Charge, including entire carriage of material within all leads, lifts and other incidentals. | 3.15 Square metres | | | Per square metre | |
| Total :- | | | | | | |

Executive Engineer,
H.P.W.D. Division,
Tanda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST:- ₹ 499200.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK :- Restoration of rain damages on link road from Kangra Tanda Sadarpur road in Distt. Kangra (H.P.).
SUB HEAD :- Supply and fixing Cat Eyes in Km 0/000 to 3/200 etc; (Under Telecom Deposit).

| Sr. No | Description of items | Quantity | Rate | | Unit | Amount |
|----------------|---|----------|---------|----------|------|--------|
| | | | In Fig. | In Words | | |
| 1 | Supply and fixing of dual directional reflective cat eyes of impact resistant ABS plastic studs 100x100mm (One hundred into One hundred millimetres) having ultraviolet resistant colour (White/red/yellow) with plastic ABS strip containing 31x2=62 mini retro reflective glass beads of colour white/red/yellow to a side provided with self built in plastic stem for firm fixing to road with epoxy Cat Part No. GPL-02-32 make Greens/Green/Yellow or equivalent complete including carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 1920 | | | Each | |
| TOTAL:- | | | | | | |

Executive Engineer,
 H.P.P.W.D. Division,
 Tanda at Nalgunda Bagwan.

Schedule of Quantity

ESTIMATED COST:- ₹ 499200.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK :- Restoration of rain damages on Nagrota Massal Rajhoo road Km 0/000 to 8/000 in Dist. Kangra (H.P.).
SUB HEAD :- Supply and fixing Cat Eyes in Km 4/000 to 8/000 etc; (Under Telecom Deposit).

| Sr. No | Description of items | Quantity | Rate | | Unit | Amount |
|----------------|---|--------------|---------|----------|------|--------|
| | | | In Fig. | In Words | | |
| 1 | Supply and fixing of dual directional reflective cat eyes of impact resistant ABS plastic studs 100x100mm (One hundred into One hundred millimetres) having ultraviolet resistant colour (White/red/yellow) with plastic ABS strip containing 31x2=62 mini retro reflective glass beads of colour white/red/yellow to a side provided with self built in plastic stem for firm fixing to road with epoxy Cat Part No. GPL-02-32 make Greens/Green/Yellow or equivalent complete including carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 1920 Numbers | 4 | | Each | 6 |
| TOTAL:- | | | | | | |

Executive Engineer,
 H.P.P.W.D. Division,
 Tanda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST:- ₹ 499946.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Restoration of rain damages on link road from Kangra Tanda Sadarpur road in Distt. Kangra (H.P.)

SUB HEAD:- Construction of Footpath along the road from Sarai Building to Type-II Quarters colony right side (Under Telecom Deposit).

| Sr. No. | Description | Quantity | Rate | | Unit | Amount |
|----------------|--|------------------------|---------|----------|------------------|--------|
| | | | In fig. | in words | | |
| 1 | Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals. | 18.32 Cubic meters | 4 | 5 | Per cubic metre | 7 |
| 2 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal size as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals. | 9.15 Cubic metres | | | Per cubic metre | |
| 3 | Providing and fixing curve stones in RCC with 1:2:4 (One cement : Two coarse sand : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size).30x30x10cm (Thirty into thirty into ten centimetre) size including complete fixing cement concrete as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge | 460 Numbers | | | Each | |
| 4 | Providing and laying 60mm thick cement concrete paver block ISI make of M-30 grade with approved colour, design and pattern factory made chamfered edge Cement Concrete paver blocks NTC/ GDC/Atlantica and Pooja make in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & sized shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm 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 including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. | 280.00 Square metre | | | Per square metre | |
| TOTAL:- | | | | | | |

Executive Engineer,
H.P.P.W.D Division,
Tanda at Nalagarh Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 498602.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on link road from NH-303 to Shaheed Baramdass Marg in Dist. Kangra (H.P.).
SUB-HEAD :- Providing and laying interlocking concrete paver block. (Telecom Deptt)

| Sl. No. | Description of items | Quantity | RATES | | Unit | Amount |
|----------|--|----------|--------|----------|------------------|--------|
| | | | In fig | In words | | |
| 1 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal size as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals. | 1.63 | | | Per cubic metre | |
| 2 | Providing and laying 60mm thick cement paver block ISI make of M-30 grade with approved colour, design and pattern factory made channeled edge Cement Concrete paver blocks MTC/ GIDC/Atlantica and Pooja make 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 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 including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. | 410.00 | | | Per square metre | |
| Total :- | | | | | | |

Executive Engineer,
H.P.W.D. Division,
Tanda at Nagla Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 498132.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Special Repair to Paraclic Block in Dr. R.P.G.M.C. Tanda Distt. Kangra (H.P.)

SUB-HEAD :- Balance work of Dismantling tile, Repair of plaster, Floor Tile, wall tile, Etc. W.S & S.I. in paraclic block left side Ducca (Female Toilet)

| Sr No. | Description of items | Quantity | RATES | | Unit | Amount |
|--------|---|------------------------------|--------|----------|-----------------------|--------|
| | | | In fig | In words | | |
| 1 | 2 Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials upto any lead (wooden/concrete joists to be measured and paid for separately) complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. | 3 110.25 Square metres | 4 | 5 | 6 Per square metre | 7 |
| 2 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement, two sand, four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. | 2.08 Cubic metres | | | Per cubic metre | |
| 3 | Providing and laying vitrified floor tiles of different size make of Restile Johnson/ Nitco/Kajaria / AGL / Simpolo / Somany / Orient & Bell in flooring, treads of steps and landing as per approved shade and design of the office (thickness to be specified by the manufacturer) with water absorption less than 0.08% (Zero point zero eight percentage) and conforming to IS: 15622, of approved make, in all colours and shades, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6mm (Six millimetre) thickness including grouting of joints (Payment of grouting of joints to be made separately) complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 35.80 Square metres | | | Per Square metre | |
| 4 | Providing and laying Vitrified tiles different size of make Nitco/ Raki/ Simpolo/ Kajariadifferent sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete upto all floor level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. | 110.00 Square metres | | | Per square metre | |

| | | | | | | |
|---|--|--------------------|--|--|---------------|--|
| 5 | Providing and fixing Anodised aluminium/colour coated (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) work for fixed portion doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. | 42.19 Kilograms | | | Per kilo-gram | |
| 6 | Providing and fixing Anodised aluminium/colour coated (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15) for shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge (Glazing, paneling and dash fasteners to be paid for separately) complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. | 62.19 Kilograms | | | Per kilo-gram | |
| 7 | Providing and fixing 300x16mm (Three hundred into Sixteen millimetres) size aluminium Pilot/sheel sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etcetera including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. | 5 Numbers | | | Each | |
| 8 | Providing and fixing 250x10mm (Two hundred into ten millimetres) size aluminium Pilot/sheel tower bolts anodized transparent or dyed to required colour and shade with necessary screws etcetera including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 4 Numbers | | | Each | |
| 9 | Providing and fixing 100mm (One hundred millimetres) nominal size aluminium Pilot/sheel handles to required colour or shade with necessary screws etcetera complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 4 Numbers | | | Each | |

| | | | | | | |
|----|--|------------------------|--|--|-------------------|--|
| 10 | Providing and fixing oxidized M.S. presses parliamentary hinges with necessary screws etcetra complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 6 Numbers | | | Each | |
| 11 | Providing and fixing 12mm (Twelve millimetre) thick prelaminated particle board with decorative lamination on both sides flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etcetra complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. | 2.68 Square metres | | | Per square metre | |
| 12 | Providing and laying 15 to 18 mm (fifteen to twenty millimeters) thick granite stone in flooring 20 mm(fifteen to Twenty millimeters) (average) thickness base of cement mortar 1:3 (One cement : Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing, polishing and moulding in single/double layer complete as specified and as directed by the Engineer-in-Charge Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. | 1.85 Square metres | | | Per square metre | |
| 13 | Structural steel work of Tata / Sail / Reliance / Jindal riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer in grating, gables, guard bar, ladder, railing, brackets, gates and similar works complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 40.33 Kilograms | | | Per kilo-gram | |
| 14 | Providing and fixing 100 mm (One hundred millimeters) diameter on wall face PVC (D-plus) rain water working pressure not less than 6.00 kg/sqm (Six decimal zero kilograms per square metre) including filling the joints with approved adhesive complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 30.33 Running metre | | | Per Running metre | |
| 15 | Providing and fixing Single tee with door 110x110x10 mm (One hundred ten into one hundred ten into one hundred ten millimetre) on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (Ten millimetre) gap for thermal expansion complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 4 Numbers | | | Each | |
| 16 | Providing and fixing 110 mm (One hundred ten millimetre) bend 87.5° (Eighty seven point five degree) on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (Ten millimetre) gap for thermal expansion complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 10 Numbers | | | Each | |


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|----|---|-------|---------------|--|--|------------------|--|
| 17 | Providing 25mm (Twenty five millimetre) thick Kota stone slab flooring 20 mm (Twenty millimetre) (average) thick base of cement mortar 1:4 (One cement : four sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing, polishing and moulding in single/double layer complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. | 2.40 | Square metres | | | Per square metre | |
| 18 | 15mm (Fifteen millimetre) thick cement plasters in single coat on rough side of brick/concrete/stone walls for interior plastering upto all floor level including arises, internal rounded angles, chamfers or rounded angles not exceeding 80mm (Eighty millimetres) in girth and finished even and smooth with cement mortar 1:6 (One cement : Six sand) above plinth level to floor all level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. | 95.08 | Square metres | | | Per square metre | |
| 19 | Removing dry or oil bound distemper, water proofing cement paint and the like by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etcetra complete as per architectural drawings including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkania, Toll tax, sale tax, GST and any other taxes imposed by the Government. | 45.39 | Square metres | | | Per Square metre | |
| 20 | Providing and applying white cement based putty of Birla / JK average thickness 1mm (One millimetres) thick, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. | 45.39 | Square metres | | | Per square metre | |
| 21 | Wall painting (Two coat) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly bushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for marking the surface complete upto all floor level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. | 45.39 | Square metres | | | Per square metre | |
| 22 | Providing and fixing vitreous china wash basin size 630x450 mm (Six hundred thirty into four hundred fifty millimetre) of Cera, Jaquar and Hindware with C.I. brackets, 15 mm (Fifteen millimetre) C.P. brass pillar taps, 32 mm (Thirty two millimetre) C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require with a pair of 15 mm (Fifteen millimetre) C.P. brass pillar taps including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 4 | Numbers | | | Each | |

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|----|--|---------------|--|--|--|-------|--|
| 23 | Providing and fixing vitreous china wash down water closet squatting pan (Indian type W.C. pan) Orissa Pan No 20090 of size 580x440mm (Five hundred eighty into four hundred forty millimetre) of Hindware/Cera/Jaguar of star white shade/snow white with 100mm (One hundred millimetre) P.V.C. P or S trap. 10 (ten) litre low level white PVC flushing cistern having dual flush (Sleek plus) flush pipe with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls (Earth work, bed concrete, foot rest to be measured and paid for separately) complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 4 Numbers | | | | Each | |
| 24 | Providing and fixing sand cast iron 100mm (Hundred millimetres) size Cera or its equivalent P or S traps for water closet (squatting pan) including joining the trap with pan and soil pipe in cement mortar 1:1 (one cement: one sand) including carriage of material within all leads, lifts and other, incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 4 Numbers | | | | Each | |
| 25 | Providing and fixing plastic seal (Solid/Hollow type) and cover Cera, Jaguar and Hindware for wash down water closet with C.P. Brass hinges and rubber buffers complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. | 4 Numbers | | | | Each | |
| 26 | Providing and fixing 100 mm (One hundred millimetre) sand cast iron grating for gully trap complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. | 11 Numbers | | | | Each | |
| 27 | Providing and fixing 32mm (Thirty two millimetres) diameters CP Brass waste pipe of approved quality for wash basin or sink including brass check nut including PVC waste fitting complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 11 Numbers | | | | Each. | |
| 28 | Providing 32mm (Thirty two millimetres) dia M.I. Union of approved quality for wash basin or sink complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 3 Numbers | | | | Each. | |
| 29 | Providing and fixing flat back 600x450mm (Six hundred into Four hundred fifty millimetre) nominal size bevelled edge mirror or superior glass of Modiguard/Saint Gobian mounted on 6mm (Six millimetre) thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. brass screws and washers including necessary fitting complete including carriage of material within all leads, lifts and other incidentals as per approved specifications, drawing, design and as directed by the Engineer-in-charge. | 4 Numbers | | | | Each | |
| 30 | Providing and fixing chromium plated brass soap dish of Cera, Jaguar and Hindware with C.P. brass brackets fixed to wooden cleats with C.P. brass screws complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 5 Numbers | | | | Each. | |

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|----|--|---------------------------|--|--|-------------------------|--|
| 31 | Providing 15mm (Fifteen millimetres) diameters long body brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 8 Numbers | | | Each. | |
| 32 | Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve of Cera, Jaquar and Hindware without nuts and pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 16 Numbers | | | Each | |
| 33 | Providing and fixing 15mm (Fifteen millimetres) nominal bore P.V.C. connection pipe Cera/Jaquar/Hindware with check nuts and brass union 30x45cm (Thirty into Forty five Centimeters) length, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 20 Numbers | | | Each. | |
| 34 | Providing and fixing water closet squatting pan (European Type water closet of size 780x370x690 mm (Seven hundred eighty into three hundred seventy into six hundred ninety millimetre) of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 (Three) litre/ 6 (Six) litre (adjustable to 4 (Four) litre/ 8 (Eight) litres), including seal cover, and cistern fittings, nuts, bolts and gasket etc complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 2 Numbers | | | Each. | |
| 35 | Providing and fixing stainless steel jet spray of approved quality and colour with one metre tube complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 4 Numbers | | | Each | |
| 36 | Providing and fixing 15mm (Fifteen millimetres) nominal bore to wall ceiling and floor galvanised mild steel tubes (Superior or heavy type) tube fitting and clamps including making good the wall, ceiling and floor complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 54.68 Running metre | | | Per Running metre | |
| 37 | Providing and fixing 20mm (Twenty millimetres) nominal bore to wall ceiling and floor galvanised mild steel tubes (Superior or heavy type) tube fitting and clamps including making good the wall, ceiling and floor complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 25.33 Running metre | | | Per Running metre | |
| 38 | Providing and fixing 25mm (Twenty five millimetres) nominal bore to wall ceiling and floor galvanised mild steel tubes (Superior or heavy type) tube fitting and clamps including making good the wall, ceiling and floor complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 40.00 Running metre | | | Per Running metre | |
| 39 | Providing and fixing (Fifteen millimetres) stainless steel pillar cock of Hindware, cera fancy of approved quality and colour complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 5 Numbers | | | Each | |

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|----|---|-------------------------|--|--|-------------------|--|
| 40 | Providing 15mm (fifteen millimetre) brass full way valve with wheel complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana. Toll tax, sale tax, GST and any other taxes imposed by the Government. | 4 Numbers | | | Each | |
| 41 | Providing 20mm (Twenty millimetre) brass full way valve with wheel complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. | 4 Numbers | | | Each | |
| 42 | Providing and fixing 110x90mm (One hundred ten into Ninety millimetres) nominal size PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. | 12 Numbers | | | Each | |
| 43 | Providing and fixing 110mm (One hundred ten millimetres) diametres plain bend on wall faces P.V.C. (D-Plast) accessories for rain water pipes of Supreme/Sant including filling the joints with approved adhesive complete as directed by the Engineer-Incharge as per specifications, including entire carriage of materials within all leads, lifts and other incidentals. | 12 Numbers | | | Each | |
| 44 | Providing and fixing 110mm (One hundred ten millimetres) door tees complete as directed by the Engineer-Incharge as per specifications, including entire carriage of materials within all leads, lifts and other incidentals. | 8 Numbers | | | Each | |
| 45 | Providing and fixing 2000 (Two thousand) litres net capacity tank (THREE LAYER SINTAX, JAI BHARAT, D-PLAST, VECTUS) PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (fifteen millimetres) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level (Jai bharat D-plast Vacuts equivalent) complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals. | 1 Numbers | | | Each | |
| 46 | Providing and fixing 25mm (Twenty five millimetre) CPVC Nipple complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals. | 4 Numbers | | | Each | |
| 47 | Providing and fixing 25mm (Twenty five millimetre) CPVC Elbow complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals. | 15 Numbers | | | Each | |
| 48 | Providing and fixing 25mm (Twenty five millimetres) nominal bore CPVC Finolex, Ashirvad and Vectus pipe (Heavy Grade) tube fitting and clamps including making good the wall, ceiling and floor complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals. | 25.00 Running metres | | | Per Running metre | |
| 49 | repair of aluminium doors and windows etc ; complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals. | 12 Numbers | | | Each | |
| 50 | Providing and fixing 32mm (Thirty two millimetres) dia PVC waste pipe for wash basin or sink ISI make complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. | 8 Numbers | | | Each | |

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|----------|--|--------------|--|--|------|--|
| 51 | Providing and fixing 32mm (Thirty two millimetres) dia CP brass waste coupling for wash basin or sink ISI make complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. | 8 Numbers | | | Each | |
| 52 | Providing and fixing 25mm (Twenty five millimetres) nominal bore gate valve complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals. | 4 Numbers | | | Each | |
| TOTAL :- | | | | | | |


 Executive Engineer,
 H.P.W.D. Division,
 Tarda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST :- ₹ 495624.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Restoration of rain damages on link road from Nagrota Massal Rajhoon road to Parmar Basti in Distt. Kangra (H.P.)
SUB HEAD:- Construction of Retaining wall in Km 0/865 to 0/875 (Under Telecom Deposit).

| Sr. No. | Description | Quantity | Rate | | Unit | Amount |
|---------|---|-------------------------|---------|----------|-------------------|--------|
| | | | In fig. | in words | | |
| 1 | Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals. | 18.15 Cubic meters | | | Per cubic metre | |
| 2 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and H.P.P.W.D technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. | 127.15 Cubic metres | | | Per cubic metre | |
| 3 | Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals. | 28.00 Running metres | | | Per running metre | |
| 4 | Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material as per drawing and H.P.P.W.D technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. | 11.34 Cubic metres | | | Per cubic metre | |
| TOTAL:- | | | | | | |

Executive Engineer,
H.P.P.W.D Division,
Tanda at Nagrota Bagwall.

Schedule of Quantity

ESTIMATED COST :- ₹ 499896.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Restoration of rain damages on link road from Kangra Tanda Sadarpur road in Distt. Kangra (H.P.)
SUB HEAD:- Construction of Footpath along the road from Sarai Building to Type-II Quarters colony left side (Under Telecom Deposit).

| Sl. No. | Description | Quantity | Rate | | Unit | Amount |
|----------------|--|------------------------|---------|----------|------------------|--------|
| | | | In fig. | in words | | |
| 1 | Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals. | 18.15 Cubic metres | 3 | 4 | Per cubic metre | 7 |
| 2 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal size as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals. | 9.15 Cubic metres | | | Per cubic metre | |
| 3 | Providing and fixing curve stones in RCC with 1:2:4 (One cement : Two coarse sand : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size).30x30x10cm (Thirty into thirty into ten centimetre) size including complete fixing cement concrete as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge | 460 Numbers | | | Each | |
| 4 | Providing and laying 60mm thick cement concrete paver block ISI make of M-30 grade with approved colour, design and pattern factory made chamfered edge Cement Concrete paver blocks NTC/ GDC/Atlantica and Pooja make 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 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 including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. | 280.00 Square metre | | | Per square metre | |
| TOTAL:- | | | | | | |

Executive Engineer,
H.P.W.D Division,
Tanda at Nagroa Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST:- ₹ 409290.00
EARNEST MONEY:- ₹ 8200.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Roundabout on Nagrota Balhar Dhaloon road Km 0/000 to 9/600 in Dist. Kangra (H.P.).
SUB-HEAD :- Balance work of Roundabout at Balhar Jussour Chowk at RD 2/090 and extension of road etc; (Under Telecom Deposit)

| S. No. | Description of items | Quantity | RATES | | Unit | Amount |
|----------|---|----------|--------|----------|-----------------|--------|
| | | | In fig | In words | | |
| 1 | Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils complete as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. including carriage of material within all leads, lifts and other incidentals. | 48.13 | | | Per cubic metre | |
| 2 | Providing, laying, spreading and compacting stone aggregate of size 53mm to 22.4mm (Fifty three millimeter to Twenty two point four millimeter) Grading-III size (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimeters) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. including carriage of material within all leads, lifts and other incidentals. | 18.50 | | | Per cubic metre | |
| 3 | Providing and laying cement concrete 1:2:4 (One cement: two sand: four graded crushed stone aggregate 20mm (Twenty millimeters) nominal size mechanically mixed and curing complete including cost of forms work in foundation and plinth and as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. including carriage of material within all leads, lifts and other incidentals. | 38.04 | | | Per cubic metre | |
| 4 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimeters nominal size) and as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. including carriage of material within all leads, lifts and other incidentals. | 19.22 | | | Per cubic metre | |
| 5 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimeters) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-in-charge including carriage of material within all leads, lifts and other incidentals. | 13.50 | | | Per cubic metre | |
| 6 | Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-in-charge including carriage of material within all leads, lifts and other incidentals. | 9.36 | | | Per cubic metre | |
| Total :- | | | | | | |

Executive Engineer,
H.P.W.D., Division,
Tanda at Nagrota Bagwan

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 251660.00
 EARNEST MONEY: - ₹ 5050.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Govt. Senior Secondary School at Baldhar in District Kangra (Himachal Pradesh), **DEPOSIT WORK**

SUB-HEAD :- Construction of Specific tank with Retaining wall etc;

| Sr. No. | Description of Items | Quantity | RATES | | Unit | Amount |
|-----------------|---|-------------------------|--------|----------|-------------------|--------|
| | | | In fig | In words | | |
| 1 | Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ranning of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals. | 62.30 Cubic metres | | | Per cubic metre | |
| 2 | Squared rubble masonry coursed with hard stone of approved quality in foundation and plinth including racking out joints in cement mortar 1:6(One cement: Six sand) within all leads, lifts of materials and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge. | 15.58 Cubic metres. | | | Per cubic metre. | |
| 3 | Providing and laying in position concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge. | 1.92 Cubic metres | | | Per cubic metre | |
| 4 | Providing Tor steel reinforcement for reinforced cement concrete work including bending, binding and placing in position complete including cost of binding wires complete and other incidentals due for its completion for all floors within all leads, lifts of materials and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge. | 200.00 Kilogram | | | Per kilo-gram | |
| 5 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. | 35.07 Cubic metres | | | Per cubic metre | |
| 6 | Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals. | 16.25 Running metres | | | Per running metre | |
| TOTAL :- | | | | | | |

Executive Engineer,
 HP.PWD Division,
 Tanda at Nagroa Bagwan.

Schedule of Quantity

ESTIMATED COST :- ₹ 192390.00
EARNEST MONEY :- ₹ 3850.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Restoration of rain damages near the House of Sh. Desh Raj and Sh. Harmaam Singh House Bhaloona in G.P. Sarotari in Distt. Kangra (H.P.).
SUB HEAD:- Construction of Retaining wall (DC Deposit).

| Sr. No. | Description | Quantity | Rate | | Unit | Amount |
|----------|---|----------------------------|---------|----------|-------------------------|--------|
| | | | In fig. | In words | | |
| 1 | Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals. | 12.15 Cubic metres | 4 | 5 | Per cubic metre | 7 |
| 2 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and H.P.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. | 47.28 Cubic metres | | | Per cubic metre | |
| 3 | Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete, abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals. | 18.00 Running metres | | | Per running metre | |
| 4 | Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals. | 11.10 Cubic metres | | | Per cubic metre | |
| TOTAL :- | | | | | | |

Executive Engineer,
H.P. W.D. Division,
Tanda at Nagaria Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 493750.00
 EARNEST MONEY :- ₹ 9900.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Special repair to Dr. R. P. Govt. Medical College at Tanda in Dist. Kangra (H.P.) (Deposit Work)

SUB-HEAD :- Flushing, cleaning PVC water tank 500, 1000 & 5000 liters capacity and other RCC tanks in Super Specialty Block, 500 Bedded Hospital, Residential Buildings and Other Buildings in the Complex etc.

| S. No. | Description of Items | Quantity | Rate | | Unit | Amount |
|----------|--|---------------------|---------|----------|-----------|--------|
| | | | In fig. | In words | | |
| 1 | Cleaning and flushing of PVC tanks of 500 ltrs. (Five hundred liters), 1000 ltrs. (One thousand liters) and 5000 ltrs. (Five thousand liters) including RCC water tanks etcetera, complete. Any type of damage during course of cleaning shall be absolute responsibility of the contractors which shall have to be repaired by him in all cases, as directed by Engineer-in-charge including carriage of material within all lead, lifts and other incidentals. | 395000.00 Liters | | | Per Liter | |
| TOTAL :- | | | | | | |

Executive Engineer,
 H.P.W.D., Division,
 Tanda at Nagra Bageran.

Schedule of Quantity

NAME OF WORK :- Construction of link road from Bada Naun to Chhota Naun in Distt. Kangra (H.P.)
SUB HEAD :- Improvement of formation deficiency (Under SCSP Head).

ESTIMATED COST :- ₹ 499973.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT : TWO MONTHS

| S. No. | 1 | 2 | Quantity | Rate | | Unit | Amount |
|--------|---|---|------------------------|---------|----------|-----------------|--------|
| | | | | In fig. | In words | | |
| 1 | Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chiseling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, cutting and trimming of side slopes and level as shown in the drawing and as directed by engineer-in-charge at site according to the MORD technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Any loss to the public, private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be compensated by him in all cases, as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals. | | 353.15 Cubic meters | | | Per cubic metre | |
| 2 | Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ranning of bottoms, lift upto 1.5 in (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals. | | 15.18 Cubic meters | | | Per cubic metre | |
| 3 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering . Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals. | | 6.33 Cubic metres | | | Per cubic metre | |
| 4 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge. | | 41.50 Cubic metres | | | Per cubic metre | |
| 5 | Providing and fixing Concrete Kerb Stones in RCC with 1:2:4 (One cement : Two coarse sand : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size),30x30x10cm (Thirty into thirty into ten centimetre) size including complete fixing cement concrete as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge | | 565 Numbers | | | Each | |

| | | | | | | | | |
|-----------------|---|-------|--------------|--|--|--|-----------------|--|
| 6 | Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimeters) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental. | 22.50 | Cubic metres | | | | Per cubic metre | |
| 7 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. | 11.47 | Cubic metres | | | | Per cubic metre | |
| TOTAL :- | | | | | | | | |


 Executive Engineer,
 H.P.W.D., Division;
 Tandra at Nagrova Barwara.

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 499770.00
EARNEST MONEY: - ₹ 10000.00
TIME LIMIT: THREE MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Kangra Tada Sadarpur in Distt. Kangra (H.P.). Under Telecom Deposit
SUB-HEAD :- Construction of finishing work of Gate etc;

| Sr No. | Description of items | Quantity | RATES | | Unit | Amount |
|----------|--|-------------------------|--------|----------|------------------|--------|
| | | | In fig | In words | | |
| 1 | Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials within all leads, lifts and other incidentals. | 277.06 Kilogram | | | Per kilo-gram | |
| 2 | Providing and fixing 6mm (Six millimetre) ACP Sheet of required colour and shade for paneling with necessary screws etc; complete and as directed by the Engineer-in-Charge, including entire carriage of material within all leads, lifts and other incidentals. | 115.18 Square metres | | | Per square metre | |
| 3 | Providing and fixing 12mm (Twelve millimetre) Unisone cladding on Reinforced Cement Concrete surface sides as on faces of Arch/ masonry walls etcetera on 12mm (Twelve millimetre) thick cement plaster 1:3 (One cement : Three sand) and jointed with cement slurry including scaffolding etcetera complete including carriage of material within all leads, lifts and other incidentals, as per approved specifications, drawing, design and as directed by the Engineer-in-charge. | 46.05 Square metres | | | Per Square metre | |
| 4 | Painting Two more coats on new work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. | 18.15 Square metres | | | Per square metre | |
| 5 | Providing and laying 16 to 20 mm (Sixteen to Twenty millimetres) thick granite stone (table rubbed and polished) required shade in flooring/skirting 20mm (Twenty millimetres) thick in cement mortar 1:3 (1 cement:3 sand) laid over jointed with grey cement slurry mixed with pigment to match the shade of granite stone including, polishing, noising & moulding in single or in double layer complete upto all floors level complete including carriage of material within all leads, lifts and other incidentals. | 8.15 Square metres | | | Per square metre | |
| 6 | Providing and fixing 6mm (Six millimetre) ACP Sheet of required any colour and shade for material with Golden letters with necessary screws etc; fitting complete and as directed by the Engineer-in-Charge, including entire carriage of material within all leads, lifts and other incidentals. | 3.15 Square metres | | | Per square metre | |
| Total :- | | | | | | |

Executive Engineer,
H.P.W.D. Division,
Tanda at Nagroa Bagwan.

Schedule of Quantity

NAME OF WORK :- Restoration of rain damages on link road from Kawari to Rahnum in Dist. Kangra (H.P.)

SUB HEAD :- Providing and laying cement concrete pavement and C/O road side drainin Km 0/100 to 0/250

ESTIMATED COST :- ₹ 496298.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT :- TWO MONTHS

| S. No. | Description of Work | Quantity | Rate | | Unit | Amount |
|-----------------|--|-----------------------|---------|----------|-----------------|--------|
| | | | In fig. | In words | | |
| 1 | Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ranning of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals. | 16.15 Cubic meters | | | Per cubic metre | |
| 2 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. | 8.28 Cubic metres | | | Per cubic metre | |
| 3 | Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidentals. | 33.75 Cubic metres | | | Per cubic metre | |
| 4 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge. | 67.50 Cubic metres | | | Per cubic metre | |
| TOTAL :- | | | | | | |

Executive Engineer,
H.P.W.D. Division,
Tanda at Nagaria Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST:- ₹ 499744.00
EARNEST MONEY:- ₹ 10000.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Nagrota Massal Railhoon road Km 0/000 to 8/000 in Distt. Kangra (H.P.).
SUB-HEAD :- Construction of Roundabout near Junction NH-303 (Under Telecom Deposit).

| S. No. | Description of items | Quantity | RATES | | Unit | Amount |
|--------|---|--------------------------|--------|----------|------------------------|--------|
| | | | In fig | In words | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre) including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals. | 22.15 Cubic metres | | | Per cubic metre | |
| 2 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size PCC Grade (M-20) (M-twenty) nominal mix complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. | 6.28 Cubic metres | | | Per cubic metre | |
| 3 | Providing Tor steel reinforcement of Thermo Mechanically Treated bars of grade Fe-500D of Tata Tisco/Sail for reinforced cement concrete work including bending, binding, cutting, straightening and placing in position complete including cost of binding wires complete upto all floor levels as per approved specifications, drawing, design, as per entire satisfaction of the Engineer-in-charge including carriage of material within all leads, lifts and other incidentals. | 48.15 Kilo- grams | | | Per kilo- gram | |
| 4 | Structural steel work of Tata / Sail / Reliance / Jindal riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. | 185.00 Kilo- grams | | | Per kilo- gram | |
| 5 | Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing and moulding in single/double layer etc; all complete as specified and as directed by the Engineer-in-Charge Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge. | 7.15 Square metres | | | Per square metre | |
| 6 | Providing and fixing cast iron decorative post, railing of 1.00 mtr (One metre) height Dwaraka make or its equivalent fixing with concrete floor/tees floor including necessary fitting complete and as directed by the Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals. | 125.00 Kilo- grams | | | Per Kilo gram | |
| 7 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. | 6.15 Cubic metres | | | Per cubic metre | |

| | | | | | | | |
|-----------------|---|-------|----------------|--|--|-------------------|--|
| 8 | Providing and laying 20 mm (Twenty millimetre) thick marble work (Table rubbed and polished) in flooring 20mm (Twenty millimetre) thick base in cement mortar 1:3 (One cement : Three sand) including jointing with cement mortar 1:2 (One white cement : Two marble dust) with an admixture of pigment to match the shade of the marble with White makrana marble complete including entire carriage of materials within all leads, lifts and other incidentals | 2.15 | Square metres | | | Per square metre | |
| 9 | Applying priming coat over new steel & other metal surfaces after & including preparing the surface by thoroughly cleaning oil grease dirt and other foreign matter and scoured with wire brushes fine steel wool scrapers and sand paper complete with ready mixed priming paint brushing red lead, Red-oxide/zinc oxide chrome. within all leads, lifts of materials and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge. | 15.13 | Square metres | | | Per square metre | |
| 10 | Painting steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 lit/ 10 sqm over an under coat of primer applied @ 0.75 lit/10 sqm of approved brand and manufacture as per specifications, drawing and design including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge. | 15.13 | Square metres | | | Per square metre | |
| 11 | Providing and installation marble Sateop of minimum height upto 5 ft. (Five feet) of white Makrana marble alongwith necessary fitting with polishing/painting complete and as directed by the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals. | 1 | Number | | | Each | |
| 12 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals. | 46.85 | Cubic metres | | | Per cubic metre | |
| 13 | Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. | 12.00 | Running metres | | | Per running metre | |
| 14 | Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. | 10.30 | Cubic metres | | | Per cubic metre | |
| Total :- | | | | | | | |

Executive Engineer,
H.P.W.D., Division,
Tanda al Nagroah Bagwan

Schedule of Quantity

ESTIMATED COST :- ₹ 498621.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Kawari to Rahnum in Distt. Kangra (H.P.)
SUB HEAD :- Providing and laying cement concrete pavement and C/O road side drain in Km 0/250 to 0/400

| S. No. | Description | Quantity | Rate | | Unit | Amount |
|-----------------|--|-----------------------|---------|----------|-----------------|--------|
| | | | In fig. | In words | | |
| 1 | Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals. | 17.02 Cubic meters | | | Per cubic metre | |
| 2 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and H.P.P.W.D technical specifications and as directed by Engineer-in-charge including carriage of material within all leads, lifts and other incidentals. | 8.28 Cubic metres | | | Per cubic metre | |
| 3 | Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-1 hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental. | 33.78 Cubic metres | | | Per cubic metre | |
| 4 | Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size as per H.P.P.W.D technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge. | 67.85 Cubic metres | | | Per cubic metre | |
| TOTAL :- | | | | | | |

Executive Engineer,
H.P.P.W.D. Division,
Tangla at Nagrota Bagwan