

**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 **29.01.2024** 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 **28.01.2024** up to **4:00 P.M.** and the application for issue of tender form shall be received on **27.01.2024** 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.	Construction of retaining wall near existing Park Shaheed Sh Suresh Kumar in gram Panchayat Sunhi in Distt Kangra (HP) (Deposit work)	196004/-	3950/-	Two months
2.	Restoration of rain damages on Daluatpur Sunhi Sarotari Kandi road Km 20/000 to 33/100 in Distt Kangra (HP) (SH:- Construction of Breast wall at RD 21/280 to 21/300). (Telecom Deposit work)	249570/-	5000/-	Two months
3.	Construction of link road from NH Lakhdara Niharglwa Ambkhola Dhahri Ludret in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road in Km 0/405 to 0/505).	317767/-	6400/-	Two months
4.	Construction of link road from Kandi Rihri Luhna Har road Km 0/000 to 15/000in Distt Kangra (HP) (SH:-Removal of formation deficiencies in Km 1/810 to 2/030).	498661/-	10000/-	One month
5.	Restoraiton of rain damages on lik road from Ramehar Tangroti Dhaloon Km 0/000 to 5/500 in Distt Kangra (HP) (SH:- Construction of U-shape drain (Both side) in between Km 5/100 to 5/240 (Telecom deposit)	206430/-	4150/-	Two months
6.	Special repair to 500 bedded hospital in Dr R.P. G.M.C Tanda in Distt Kangra (HP) (SH:-Dismantling tile, repair of plaster, floor tile, wall tile , etc; WS & SI in Children , OBG, Ortho Surgical, Medicine ward Duct Part-II)	498830/-	10000/-	Two months
7.	Special repair to Girls Hostel in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Dismatling rilem repair of plaster providing and fixing floor tiles, wall tile aluminium work wooden work WS & SI etc in toilet of Block-B)	499424/-	10000/-	Two months
8.	Restoration of rain damages on Daulatpur Sunhi Sarotari Kandi road Km 3/000 to 33/100 in Distt Kangra (HP) (SH:-Removal of formation deficiencies between Km 3/000 to 33/100 etc; (Under Telecom deposit)	494520/-	10000/-	One month
9.	Restoration of rain damages on Bridge over chor Nallah on link road Nagrota Bagwan to Dhauladhar Colony Industrial Area in Distt Kangra (HP) (SH:-Providing and laying grating and repair of Chor Nallah Bridge (Deposit work)	304500/-	6100/-	Two months
10.	Restoration of rain dmages on link road from Kahanpat to Toru road Km 0/000 to 3/000 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall in Km 2/350 to 2/378 (Under Telecom deposit)	499835/-	10000/-	Two months
11.	Construction of 25.00 mtrs span Foot bridge over Joggal Khad to connect village Ocha in Distt Kangra (HP) (SH:-Balance work of 25.00 mtrs span Bridge).	497961/-	10000/-	Two months

12.	Construction of link road from Chakban Gheen Sohran to Thathal Km 0/000. to 1/735 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining walls in wire crate work at RD 1/715 to 1/730 and providing and laying cement concrete pavement road at RD 0/000 to 0/030).	339986/-	6800/-	Two months
13	Construction of link road from Mangrella Luhna Baroh road Km 0/000 to 4/460 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/425 to 0/447).	439556/-	8800/-	Two months
14.	Construction of link road from Jhamaca Than road in Km 0/510 to 0/885 and link road NH Lakhdara Nihargalwa Ambkhola Dharri Ludret in Km 0/000 to 0/300 in Distt Kangra (HP)	499955/-	10000/-	Two months
15.	Special repair to Govt. I.T.I building at Sarotari in Distt Kangra (HP) Deposit work (SH:-repair of plaster work painting other civil work and providing ceiling to existing Mechanical work shol etc;)	499692/-	10000/-	Three months
16.	Restoration of rain damages on link road from Kangra to Sadarpur road in Distt Kangra (HP) (SH:-Providing and laying cement concret pavement road) Telecom deposit	498331/-	10000/-	Two months
17	Construction of link roa from Nagrota Industrial Area road in Distt Kangra (HP) (SH:-Construction of Approaches etc;)	405547/-	8150/-	Two months
18	Restoration of rain damages on link road from Kandi to Saroot Km 0/000 to 8/000 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall in Km 4/875 and 7/615 to 7/623).	499967/-	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

(On behalf of Governor of Himachal

Pradesh)

No.PW/NBD/TA/Tender/NIT/2023-24- 13953-82

Dated/ 18-1-2024

Copy to the following for information and necessary action:-

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

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 196004.00
 EARNEST MONEY :- ₹ 3950.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Retaining wall near existing Park Shaheed Sh. Suresh Kumar in Gram Panchayat Sunhi in Distt. Kangra (H.P.) DEPOSIT WORK
 SUB-HEAD :- Construction of Retaining wall.

S. No.	Description of items	Quantity	Rate		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.	21.89 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 1:5:10 (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.	47.31 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.	24.00 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 HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	10.56 Cubic metres			Per cubic metre	
TOTAL :-						

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

Draft Schedule of Quantity

ESTIMATED COST :- ₹ 249570.00
 EARNEST MONEY :- ₹ 5000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Daluatpur Sunhi Sarotari Kandi road Km 20/000 to 33/100 in Distt. Kangra (H.P.).
 SUB HEAD :- Construction of Breast wall at RD 21/280 to 21/300 (Telecom Depot)

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation work by mechanical means (Hydraulic excavatory/ 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.	25.02 Cubic metres	4	5	6 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 HP.PWD- technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	63.08 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	36.00 Running metres			Per running metre	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- ₹ 317767.00
 EARNEST MONEY :- ₹ 6400.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of link road from NH Lakhdata Niharglwa Ambkhola Dharri Ludret in Distt. Kangra (H.P.)
 SUB HEAD :- Providing and laying cement concrete pavement road in Km 0/405 to 0/505

S. No.	Quantity	In fig.	Rate		Unit	Amount
				In words		
1	3 23.63 Cubic metres	4	5		6 Per cubic metre	7
	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 intersites 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.					
2	47.25 Cubic metres				Per cubic metre	
	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.					
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- ₹ 498661.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK :- Construction of link road from Kandi Rihri Luhna Har road Km 0/000 to 15/000 in Distt. Kangra (H.P.).

SUB-HEAD :- Removal of Formation deficiencies in Km 1/810 to 2/030

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
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. Recovery of stone to the tune of <u>63.33 Cum (Sixty Three point Thirty Three) cubic metres quantity at the rate of 300/- (Three Hundred)</u> per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. 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.	3116.63 Cubic metres			Per cubic metre	7

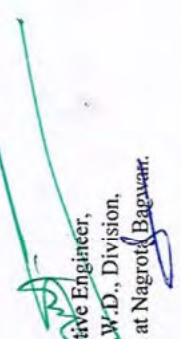

 Executive Engineer,
 H.P.W.D., Division,
 Tanda at Nagrota Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 206430.00
 EARNEST MONEY: - ₹ 4150.00
 TIME LIMIT: TWO MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Ramehar Tangroti Dhaloon Km 0/000 to 5/500 in Distt. Kangra (H.P.)
SUB-HEAD :- Construction of U-Shape drain (Both side) in between Km 5/100 to 5/240 (Telecom Deposit)

S. No.	Description of items	Quantity	Rate		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.	69.30 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-Incharge including carriage of material within all leads, lifts and other incidentals.	40.95 Cubic metres			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 498830.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT TWO MONTHS

NAME OF WORK :- Special Repair to 500 Bedded Hospital in Dr.R.P.G.M.C. Tanda in Distt Kangra H.P.		Qty.	Rate (Rs.)		Unit	Amount (Rs.)
Sr. No	Description Of Item		In fig.	In words		
1	2	3	4	5	6	7
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge, 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3.82			Per Cum	
2	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead 75 to 80 mm dia pipe 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	45.00			Per Rmt.	
3	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in- Charge 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	13.80			Per Sqm.	
4	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in- Charge. With cement mortar 1:4 (1 cement : 4 fine sand) 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	32.50			Per Sqm.	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	0.61			Per Cum	
6	Providing and laying Vitrified tiles in floor with / Nitco/ Raki/ Sempolo/ Kajaria of different sizes in floors with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, 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). Size of Tile 600x600 mm 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	9.15			Per Sqm	
7	Providing and laying Vitrified tiles in / Nitco/ Raki/ Sempolo/ Kajaria of different sizes, 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). 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3.15			Per Sqm.	

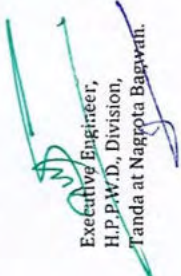
8	Providing and fixing anodised / colour coated aluminium work for door (External door NO 14081 Size 127 x 44.45 x 3.19mm) , window, ventilators and partitions frame with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawlplugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth rustfree, straight, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws. All complete as per architectural drawings and the directions of Engineer-In-Charge. For doors windows, ventilators and glazed partitions frames. For shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals. 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	50.54	Per Kg.
9	Providing and fixing anodised / colour coated aluminium work for door , window, ventilators and partitions shutter with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawlplugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth rustfree, straight, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws. All complete as per architectural drawings and the directions of Engineer-In-Charge. For doors windows, ventilators and glazed partitions frames. For shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals. 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	48.70	Per Kg.
10	Providing and fixing 250 x 10mm size aluminium tower bolts (berrrel type) anodized trans parent or dyed to required shade and colour with screws etc. 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	20.00	Each
11	Providing and fixing 100 mm aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	12.00	Each
12	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete. 300X16mm 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	20.00	Each
13	Providing and fixing oxidized M.S. presses parliamentary hinges with necessary screws etc 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	7.00	Each
14	P/F 12mm mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3.15	Per Sqm.

15	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic With float glass panes of 3.5 mm thickness (weight not less than 10 kg/ sqm) 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	1.38			Per Sqm.	
16	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jackrafters, purlins connected to common rafters and the like. 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	452.15			Per Kg.	
17	Providing and fixing 6mm (Six millimeters) thick plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately). 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	48.20			Per Sqm.	
18	Providing and laying 15 to 20 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 i/c rubbing and polishing complete. 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 material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications 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.	1.80			Per Sqm.	
19	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) With F.P.S.(non modular) bricks 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	1.04			P/Cum	
20	Providing and laying on wall face PVC (D-Plast) rain water working pressure not less than 6.00 kg/sqm (six decimal Zero 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, specifications 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.					
i	100mm dia pipes	30.50			Per Rmt	
ii	150mm dia pipes	138.60			Per Rmt	
21	Providing and fixing PVC accessories for sewerage pipe plain bend of Supreme/Kisan/Asral conforming to ISNo. 14735-99 including fixing with approved adhesive etcetera 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.					
i)	Single Tee without door 110 mm	20.00			Each	
ii)	Single Tee with door 110 mm	20.00			Each	
iii)	Bend 110 mm	20.00			Each	

22	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	150.25			Per Sqm.	
23	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	150.25			Per Sqm.	
24	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. 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	150.25			Per Sqm.	
	W.S & S.I					
25	Providing and fixing to wall ceiling and floor galvanised mild steel tubes ((Superior or heavy type) TATA,JINDAL, RAVINDRA or its equivalent approved quality tube fitting and clamps including making good the wall, ceiling and floor 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.					
i	15mm (Fifteen milimetres) nominal bore	50.00			per Rmt	
ii	20mm (Twenty milimetres) nominal bore	65.00			per Rmt	
iii	25mm (Twenty five milimetres) nominal bore	10.00			per Rmt	
26	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps (Cera, Jaquar and Hindware) 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	7.00			Each	
27	Providing and fixing white vitreous china water closet squatting pan (Indian type Orissa pattern W.C. pan of size 580x440mm 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.00			Each	
28	Providing and fixing sand cast iron 100mm (Hundred milimetres) size Cera or its equivalent P or S traps for water closet (squatting pan) including jointing 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, specifications 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.	7.00			Each	

29	Providing and fixing plastic seat (Solid/Hollow type) and cover Cera, Jaquar 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, specifications 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.	7.00		Each	
30	Providing and fixing 100 mm sand cast Iron grating for gully trap 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	15.00		Each	
31	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste pipe for wash basin or sink ISI make 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10.00		Each	
32	Providing and fixing 32mm (Thirty two millimetres) diameters M.I. Union for wash basin or sink ISI make 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	7.00		Each	
33	Providing and fixing 600x450mm (Six hundred into Four hundred fifty millimetres) size bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	5		Each	
34	Providing and fixing recessed Roll type toilet paper holder 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2		Each	
35	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws Cera, Jaquar and Hindware 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	7		Each	
36	Providing and fixing 15mm (Fifteen millimetres) diameters long nose 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, specifications 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.	7		Each	
37	Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve without nuts and pipe Cera, Jaquar and Hindware 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	9		Each	
38	Providing and fixing P.V.C. connection 450mm (four hundred fifty millimetres) length with check nut and brass union Cera, Jaquar and Hindware 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	15		Each	
39	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity - White. 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	9		Each	
40	Providing and fixing C.P. Brass jet spray of approved quality and colour with one metre tube 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	5		Each	

41	Providing and fixing vitreous china wash down water closet (European type W.C. Pan) Hind-ware, cera, parry, ware or equivalent make including jet pressure with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement: one sand) seat and cover to be measured and paid for separately) Angle Indian Universal closet. 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	5			Each
42	Providing and fixing C.P. Brass concealed stop cock with flange of approved quality and colour. 15 mm 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10.00			Each
43	Providing and fixing 600x120mm (Six hundred into One hundred twenty millimetres) glass shelf with C.P. brass. (Heavy duty makes) brackets and guard rail complete fixed to wooden plugs with C.P. brass screws 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	5.00			Each
44	Providing and fixing C.P. Brass pillar cock Hind-ware, cera fancy of approved quality and colour 15 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	7.00			Each
45	Providing and fixing 600x20mm (Six hundred into Twenty millimetres) size C.P. Brass Towel rail Cera or its equivalent complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	12.00			Each
46	Providing and fixing brass full way valve with wheel-TATA JINDAL, 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.				
i	15mm nominal bore	10.00			Each
ii	20mm nominal bore	10.00			Each
					Total:-Rs.


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499424.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Special repair to Girls Hostel in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)

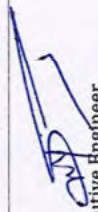
SUB-HEAD :- Dismantling tile, repair of plaster, providing and fixing floor tiles, wall tile, aluminium work, wooden work, W.S. & S.I. etc. in Toilet of Block-B.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2.00 Square metres			Per Square metre	
2	Repairs to plaster of thickness 12 mm to 20 mm (Twelve millimetres to twenty millimetres) in patches of area 2.5 sq meters (Two point five square metres) and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground with cement mortar 1:4 (1 cement : 4 fine sand) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	210.00 Square metres			Per Square metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm (Twenty millimetres) nominal size) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2.39 Cubic metres			Per Cubic metre	
4	Providing and laying 400x400 mm (Four hundred into Four hundred millimetres) of size Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (Zero point eight percent) and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, 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 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	20.80 Square metres			Per Square metre	
5	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (Zero point eight percent) 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 (Six millimetres) thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	82.55 Square metres			Per Square metre	
6	Providing and fixing anodised aluminium work for door, window, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with raw plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/ neoprene felt etc. Aluminium section shall be smooth, rust free , straight, mitred and jointed mechanically where ever required including cleat angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	120.97 Kilograms			Per Kilo gram	
7	Providing and fixing anodised aluminium work for door, window, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with raw plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/ neoprene felt etc. Aluminium section shall be smooth, rust free , straight, mitred and jointed mechanically where ever required including cleat angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws for shutter of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	117.50 Kilograms			Per Kilo gram	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
8	Providing and fixing 250 x 10mm (Two hundred fifty into ten millimetres) size aluminium tower bolts (barrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	20 Numbers			Each	
9	Providing and fixing 100 mm (One hundred millimetres) aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	10 Numbers			Each	
10	Providing and fixing 300x16mm (Three hundred into sixteen millimetres) anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	8 Numbers			Each	
11	Providing and fixing oxidized M.S. presses parliamentary hinges with necessary screws etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	14 Numbers			Each	
12	Providing and fixing 12mm (Twelve millimetres) thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	5.04 Square metres			Per Square metre	
13	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic With float glass panes of 4.0 mm (Four point zero millimetres) thickness (weight not less than 10 kg/ sqm) (Ten kilograms/square) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	11.34 Square metres			Per Square metre	
14	Providing and fixing 6mm (Six millimetres) thick plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	11.52 Square metres			Per Square metre	
15	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 (Eighteen millimetres) thick stone slab over 20 mm (Twenty millimetres) (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, polishing and moulding in single or 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 complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	1.16 Square metres			Per Square metre	
16	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jackrafters, purlins connected to common rafters and the like complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	0.79 Kilograms			Per Kilo gram	
17	Dismantling of C.I./PVC pipe 110mm dia complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	40.80 Running metres			Per running metre	
18	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood 35 mm (Thirty five millimetres) thick shutters complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	0.97 Square metres			Per Square metre	
19	Providing and fixing 300mm (Three hundred millimetres) bright finished hard drawn hooks and eyes complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	14 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1		3	4	5	6	7
20	Providing and fixing 100mm (One hundred millimetres) bright finished brass door stopper with rubber cushion screws etc to suit shutter thickness complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
21	Providing and fixing 100mm (One hundred millimetres) dia pipes on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, 6.00 Kgs (Six kilogram pressure pipe leaving 10 mm (Ten millimetres) gap for thermal expansion, (i) Single socketed pipes complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	50.00 Running metres			Per Running metre	
22	Providing and fixing Single tee with door complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.					
i	Providing and fixing Single tee with door 110x110x110 mm (One hundred ten into one hundred ten into one hundred ten millimetres)	6 Numbers			Each	
ii	Single tee without door 110x110x110 mm (One hundred ten into one hundred ten into one hundred ten millimetres)	5 Numbers			Each	
iii	Bend 110 mm (One hundred ten millimetres) bend	8 Numbers			Each	
23	Providing and fixing wash basin with C.I. brackets, 15 mm (Fifteen millimetres) C.P. brass pillar taps, 32 mm (Thirty two millimetres) C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 630x450 mm (Six hundred thirty into four hundred fifty millimetres) with a pair of 15 mm C.P. brass pillar taps complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
24	Providing and fixing 580mm (Five hundred eighty millimetres) of size vitreous China wash down, water closet squatting pan (Indian Make) Long pattern W.C. pan complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
25	Providing and fixing sand cast iron 100mm (Hundred millimetres) size Cera or its equivalent P or S traps for water closet (squatting pan) including jointing the trap with pan and soil pipe in cement mortar 1:1 (one cement: one sand) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
26	Providing and fixing plastic seat (Solid/Hollow type) and cover Cera, Jaquar and Hindware for wash down water closet with C.P. Brass hinges and rubber buffers complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
27	Providing and fixing 100 mm (One hundred millimetres) sand cast Iron grating for gully trap complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	12 Numbers			Each	
28	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste pipe for wash basin or sink ISI make complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	5 Numbers			Each	
29	Providing and fixing 32mm (Thirty two millimetres) diameters M.I. Union for wash basin or sink ISI make complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
30	Providing and fixing 600x450mm (Six hundred into Four hundred fifty millimetres) size bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	5 Numbers			Each	
31	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws Cera, Jaquar and Hindware complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	10 Numbers			Each	
32	Providing and fixing 15mm (Fifteen millimetres) diameters long nose brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	12 Numbers			Each	
33	Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve without nuts and pipe Cera, Jaquar and Hindware complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	15 Numbers			Each	

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
34	Providing and fixing P.V.C. connection 300x450mm (Three hundred into four hundred fifty millimetres) length with check nut and brass union Cera, Jaquar and Hindware complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	3 15 Numbers	4	5	6 Each	7
35	Providing and fixing water closet squatting pan (European Type) mounting water closet of size 780x370x690 mm (Seven hundred eighty into three hundred seventy into six hundred ninety millimetres) of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (Three litre/six litre) (adjustable to 4 litre/ 8 litres (Four litre/eight litre), including seat cover, and cistern fittings, nuts, bolts and gasket etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
36	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
37	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) Cera or its equivalent approved quality tube fitting and clamps including making good the wall, ceiling and floor complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.					
i	15mm (Fifteen millimetres) nominal bore	60.80 Running metres			Per Running metre	
ii	20mm (Twenty millimetres) nominal bore	24.00 Running metres			Per Running metre	
38	Providing and fixing bath shower Cera or its equivalent complete with necessary fitting complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
39	Providing and fixing 600x20mm (Six hundred into Twenty millimetres) size C.P. Brass Towel rail Cera or its equivalent complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws complete.	4 Numbers			Each	
40	Providing and fixing brass full way valve with wheel complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.					
i	15mm (Fifteen millimetres) nominal bore	4 Numbers			Each	
ii	20mm (Twenty millimetres) nominal bore	4 Numbers			Each	
41	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass chain 50cm (Fifty centimetre) long and rubber plug of following sizes for sink or wash basin complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	6 Numbers			Each	
42	Providing and fixing G.I. inlet connection for flush pipe with W.C. Pan complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- ₹ 494520.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK :- Restoration of rain damages on Daluapur Sunhi Sarotari Kandi road Km 3/000 to 33/100 in Distt. Kangra (H.P.).
SUB-HEAD :- Removal of Formation deficiencies between Km 3/000 to 33/100 etc; (Under Telcom Deposit).

S. No.	Description of items	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. Recovery of stone to the tune of <u>108.75 Cum (One Hundred Eight point Seventy Five) cubic metres quantity at the rate of 300/- (Three Hundred)</u> per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. 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.	3090.75 Cubic meters	4	5	6 Per cubic metre	7
						494520.00


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

Schedule of Quantity

ESTIMATED COST :- Rs. 304500.00
 EARNEST MONEY :- Rs. 6100.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Bridge over Chor Nallah on link road Nagrota Bagwan to Dhauladhar Colony Industrial Area in Distt Kangra (HP).
SUB HEAD :- Providing and laying grating and repair of Chor Nallah Bridge (DEPOSIT WORK).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Steel work in built up sections in trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc; Hot finished welded type tubes including 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 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.	2900.00 Kilo grams			Per kilo gram	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST: - ₹ 499835.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Restoration of rain damages on link road from Kahanpat to Touru road Km 0/000 to 3/000 in Distt. Kangra (H.P.)
 SUB HEAD: - Improvement of road width by providing Retaining wall in Km 2/350 to 2/378 (under Telecom Deposit).

Sr. No.	Description	Quantity	In fig.	Rate		Unit	Amount
					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 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.	33.84 Cubic metres			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) 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.	124.20 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 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.	28.36 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 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.	24.66 Cubic metres			Per cubic metre		
TOTAL:-							

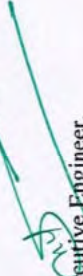
Executive Engineer,
 H.P.W.D Division,
 Tanda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST :- ₹ 497961.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Construction of 25.00 mtrs span Foot Bridge over Joggal Khad to Connect village Ocha in Distt. Kangra (H.P.),
SUB HEAD:- Balance work of 25.00 mtrs span Bridge.

Sr. No.	Description	Quantity	In fig.	Rate		Unit	Amount
					in words		
1	2	3	4	5	6	7	
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within any lead Nominal concrete 1:5:10 or leaner mix (including equivalent design mix) as per direction of Engineer-in-charge as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	77.36 Cubic metres			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 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.	46.59 Cubic metres			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-In-charge including carriage of material within all leads, lifts and other incidentals.	3.33 Cubic metres			Per cubic metre		
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering plain cement concrete 1:2:4 (One cement: Two sand: Four graded/crushed 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.	40.15 Cubic metres			Per cubic metre		
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level Thermo-Mechanically Treated bars of grade Fe-500D or more 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.	1377.70 Kilograms			Per kilo-gram		
6	Providing concrete for plain/reinforced concrete in super-structure including the cost of centering and shuttering complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 in 1:2.5:5 (One cement : Two and half sand : five graded) broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size PCC grade M-15 (M-Fifteen), as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	11.96 Cubic metres			Per cubic metre		
TOTAL:-							


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

ESTIMATED COST: -	₹	339986.00
EARNST MONEY :-	₹	6800.00
TIME LIMIT :-		TWO MONTHS

Improvement of road width by providing Retaining walls in wire crate work at RD 1715 to 1730 and Providing and laying cement concrete pavement road at RD 0/000 to 0/030 & 0/650 to 0/700

Sr. No.	Description	Quantity	Rate		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.	18.38 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 1:4:8 (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.	12.50 Cubic metres			Per cubic metre	
3	Providing and making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of $\pm$ 2%) Zinc coated, Mesh wire diameter 3.0 mm (Three point zero millimetres), mechanically edged/selvedged with partitions at every 1m (One metre) interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	42.18 Cubic metres			Per cubic metre	
4	Filling available excavated earth (excluding rock) trenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer-in-charge, including compacting each layer by rolling/ramming and watering, all complete as per drawing and direction of Engineer -in - charge 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.	14.40 Cubic metres			Per cubic metre	
5	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 incidental.	7.09 Cubic metres			Per cubic metre	
6	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.	27.21 Cubic metres			Per cubic metre	

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

Schedule of Quantity

ESTIMATED COST :- ₹ 439556.00
 EARNEST MONEY :- ₹ 8800.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Construction of link road from Mangrella Luhna Baroh road Km 0/000 to 4/460 in Distt. Kangra (H.P.).
 SUB HEAD: - Construction of Retaining wall at RD 0/425 to 0/447

Sr. No.	Description	Quantity	In fig.	Rate	Unit	Amount
			4	in words		
1	2	3			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.	18.31 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 1:5:10 (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.	112.05 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	27.00 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 HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	12.98 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST :- ₹ 499955-00
 EARNEST MONEY :- ₹ 10000-00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of link road from Jhamaca Than road in Km 0/510 to 0/885 and link road NH-Lakhdata Nihargalwa Ambkhola Dharri Ludret in Km 0/000 to 0/300 in Distt. Kangra (H.P.).

SUB-HEAD :- Removal of Formation deficiencies.

S. No.	Description of items	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. Recovery of stone to the tune of <u>40.89 Cum (Forty point Eighty Nine) cubic metres quantity at the rate of 300/- (Three Hundred)</u> per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. 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.	3030.03 Cubic meters	4	5	.6 Per cubic metre	7

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

Schedule of Quantity

ESTIMATED COST :- ₹ 499692.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- THREE MONTHS

NAME OF WORK :- Special repair to Govt. I.T.I. Building at Sarotari in Distt. Kangra (H.P.) DEPOSIT WORK.

SUB-HEAD :- Repair of plaster work, painting, other civil work and providing ceiling to existing Mechanical Workshop etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Second class brick masonry using common burnt clay building bricks in super-structure upto all floor level in cement mortar 1:6 (One cement: Six sand) and curing complete including carriage of material within all leads, lifts and other incidentals, as per specification approved drawing, design and as directed by the Engineer-In-Charge.	0.29 Cubic metres			Per cubic metre	
2	15mm (Fifteen millimetres) thick cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto all floor levels including arises internal rounded angles, chamfers and or rounded angles not exceeding 80mm (Eighty millimetres) in girth and finished even and smooth with cement mortar 1:6 (One cement: Six sand) including entire carriage of materials within all leads, lifts and other incidentals	12.44 Square metres			Per square metre	
3	Repair to plaster in patches of 2.50 sqm (Two decimal five zero) square metres upto any thickness including cutting the patches in proper shape and re-plastering the surfacing to the wall including disposal of rubbish to the dumping ground with cement mortar 1:3 (One cement : Three sand) complete, within all leads, lifts of materials and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	60.000 Square metres			Per square metre	
4	Applying Birla JK white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface within all leads, lifts of materials and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	15.00 Square metres			Per square metre	
5	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. (b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm (c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. (d) fourth and final layer of brick tiling with cement mortar (which will be paid for separately (For the purpose of measurement the entire treated surface will be measured) complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	198.00 Running metres			Per running metre	
6	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade Old work (One or more coat applied @ 0.83 ltr/10 sqm (Zero point eighty three litres/ten square metres) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) (Two point twenty kilograms/ten square metres) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	3068.00 Square metres			Per Square metre	
7	Structural steel work TATA/Sail/ built up sections in trusses and framed work trussed purlins in building, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including entire carriage of materials within all leads, lifts and other incidentals	1749.44 Kilogram			Per Kilo-gram	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1						
8	2 Providing and fixing 6 mm (Six millimetres) thick plain asbestos sheet lining with butt jointing and wood screws (frame work and cover) fillets to be measured and paid for separately) including carriage of materials within all leads, lifts and other incidentals.	3 231.24 Square metres	4	5	6 Per square metre	7
9	Painting steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/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.	231.24 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 ltr/ 10 sqm over an under coat of primer applied @ 0.75 ltr/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.	18.90 Square metres			Per square metre	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- ₹ 498331.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Restoration of rain damages on link road from Kangra to Sadarpur road in Distt. Kangra (H.P.)
 SUB HEAD:- Providing and laying Cement Concrete Pavement road (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 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.	3 15.06 Cubic meters	4	5	6 Per cubic metre	7
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.	10.20 Cubic metres			Per cubic metre	
3	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.	13.55 Cubic metres			Per cubic metre	
4	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 (Eighteen millimetres) thick stone slab over 20 mm (Twenty millimetres) (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, polishing and moulding in single or 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, Cal Eye or equivalent complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	8.15 Square metres			Per Square metre	
5	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	150 Numbers			Each	
6	Providing and laying 80mm (Eighty millimetres) thick cement concrete paver block of M-30 (M-Thirty) grade with approved color design and pattern factory made chamfered edge Cement Concrete paver blocks 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 all as per direction of Engineer-in-Charge as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	250.00 Square metres			Per square metre	
TOTAL:-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 405547.00
 EARNEST MONEY :- ₹ 8150.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of link road from Nagrota Industrial Area road in Distt. Kangra (H.P.).
 SUB-HEAD :- Construction of approaches etc;

S. No.	Description of items	Quantity	Rate		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.	28.12 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 HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	99.75 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 in 20 (1:20) 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.	32.00 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 HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	18.10 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST :- ₹ 499967.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Kandi to Saroot road Km 0/000 to 8/000 in Distt. Kangra (H.P.)
 SUB HEAD :- Improvement of road width by providing Retaining wall in Km 4/850 to 4/875 and 7/615 to 7/623

Sr. No.	Description	Quantity	In fig.	Rate		Unit	Amount
					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.	3	4	5	6	7	
1		38.22					
		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 1:5:10 (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.	121.81			Per cubic metre		
		Cubic metres					
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-Incharge including carriage of materials within all leads, lifts and other incidentals.	41.37			Per running metre		
		Running metres					
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 HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	33.96			Per cubic metre		
		Cubic metres					
TOTAL :-							

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