

**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 **27.09.2022** up to **11:00 A.M.** And the same shall be opened on the same day at **11:30 A.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 **26.09.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **24.09.2022** 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	Providing way side amenities on Dalautpur Sunhi Sarotari Kandi road Km 20/000 33/100 in Distt Kangra (HP) (SH:-Construction of rain shelter near Shaheed Parveen Kumar statue at RD 26/050)	190768/-	4050/-	Three months
2	Special repair to Senior girls hostel in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP)(SH:-Providing and laying interlocking paver block in left side)	499663/-	10000/-	Three months
3.	Construction of Sahshi kant house to Gian Chand House at Smbari ward No 7 in Distt Kangra (HP) Deposit work (SH:-Providing and laying interlocking paver block in Km 0/000 to 0/085)	199989/-	4000/-	Two months
4.	Construction of residential Building at Nagrota Bagwan in Distt Kangra (HP) (SH:-Dismantling concrete work flooring steel work & sanitary work etc;)	307779/-	6200/-	Three months
5.	Construction of Bandi Matiyari road Km 0/000 to 3/600 in Distt Kangra (HP) (SH:-Construction of Edge wall providing and laying interlocking paver block etc;)	499776/-	10000/-	Three months
6.	Special repair of Ravi Hostel in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Balance work of retaining work in Ravi hostel)	499033/-	10000/-	Three months
7	Construction of link road from Toru bah Chaprehar Km 0/000 to 5/000 in Distt Kangra (HP) (SH:-Construction of 900 mm dia Hume pipe culvert at RD 1/300 i/c both side approaches)	499944/-	10000/-	Three months
8.	Restoration of rain damages on Mundla to Tikka Dhar to link village Lilly & Amtrar Km 2/900 to 5/660 in Distt Kangra (HP) (SH:-Removal of land slide slips, maintenance of drains & shoulders etc;)	185245/-	3750/-	Two months
9	Special repair to Interns Hostel in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (Deposit work) Construction of boundary wall and gate etc;)	462471/-	9250/-	Three months
10	Restoration of rain damages on various roads Baroh Sub Division HP PWD Baroh in Distt Kangra (HP) (SH:-Repair of pot holes by providing patch work).	499939/-	10000/-	One month
11	Special repair to various hostel in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Painting of roof of senior Girls /Boys Hostel & Type-V Block-H Girls Hostel etc;)	266088/-	5350/-	Three months
12	Construction of veterinary Dispensary at Barana in Tehsil Baroh in Distt Kangra (HP) (SH:-Balance work of providing and laying paver block, C/O Edge wall and path etc;)	138534/-	2800/-	One month
13	Restoration of rain damages on various roads under Nagrota Sub-Division HP PWD Nagrota Bagwan in Distt Kangra (HP) (SH:-Repair of pot holes b providing patch work).	499939/-	10000/-	One month
14	Restoration of rain damages on link road Massal to Parmar Basti Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-construction of retaining wall at RD 1/240 to 1/270)	499979/-	10000/-	Three months

15	Restoration of rain damages on Padar to Nihunda road Km 0/000 to 4/000 in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road , C/o U-shape drain and removal of slips between at RD 0/000 to 4/000)	499895/-	10000/-	Three months
16	Construction of link road from Abla Basti and Rahar Basti in G.P. Uperli Manjhetli Km 0/000 to 2/000 in Distt Kangra (HP) (SH:- Construction of wire crates work at RD 0/540 to 0/600).	499988/-	10000/-	Three 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

No.PW/NBD/TA/Tender/NIT/2022/

9358-87

(On behalf of Governor of Himachal Pradesh)

Dated/ 15-9-2022

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

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

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

SCHEDULE OF QUANTITY

NAME OF WORK :-
SUB-HEAD :-


Providing way road side amenities on Dalautpur Sunhi Sarotari Kandl road Km 20/000 to 33/100 in Distt. Kangra (H.P.),
Construction of Rain Shelter near Speed Parveen Kumar statue at RD 26/050

ESTIMATED COST:- ₹ 190768.00
EARNEST MONEY:- ₹ 4050.00
TIME LIMIT :-
THREE MONTHS

S. No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, jumper work, jumper blasting work, soft and hard blasting and saturated soil including chiseling or any other mixed variety of soil dewatering and removal of slush and other incidental lifts upto all heights including stacking the excavated soil not more than three metres clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	5.76 Cubic metres			Per Cubic metre.	
2	Providing form work with steel plates of 3.15mm (Three decimal fifteen millimetres) thick, welded with angle iron in frames of 30x30x5mm(Thirty into Thirty into Five millimetres), so as to give a fair finish including centring, shuttering strutting and propping etcetera, with wooden battens and ballies for all heights and removal of the same for in-situ reinforced concrete and plain concrete work in vertical surface such as walls (any thickness) partitions and the like including attached, pilasters, buttresses, plinth and string courses and the like including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	7.20 Square metres			Per square metre	
3	Providing form work with steel plates of 3.15mm (Three decimal one five millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimeters), so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depts of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in Edges of slabs and breaks in floors and walls upto any width where ever required including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	14.00 Running metres			Per running metre	

4	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 including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	5.58 Cubic metres			Per cubic metre	
5	Stone filling dry hand packed under flooring including consolidation complete including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	1.80 Cubic metres			Per cubic metre	
6	Providing and laying cement concrete 1:2:4 (One cement: two sand: four graded crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including cost of forms work in foundation and plinth, including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	3.60 Cubic metres			Per cubic metre	
7	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	2.40 Cubic metres			Per cubic metre	
8	Providing and fixing 100mm (One hundred millimetres) diametres mild steel hollow pipe (heavy grade) embedded in cement concrete masonry work and filled with cement mortar 1:3 (One cement: Three sand) as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	15.00 Running metres			Per running metre	
9	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 in grating, frames, guard bar ladder, railings, bracket, gate and similar work complete including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	550.00 Kilo gram			Per kilo gram	
10	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 in trusses and trussed purlins in buildings and similar work complete including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	241.82 Kilo gram			Per kilo gram	
11	Providing and fixing 0.60mm (Zero decimal Six Zero millimetres) thick preprinted sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with preprinted iron J or L hooks, bolts and nuts 6mm (Six millimetres) diametres with preprinted limpet and rubber washers complete with all accessories as required including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	17.94 Square metres			Per square metre	

12	Providing and fixing M.S. B.P Sheet 1.66mm to 2mm (One point sixty six to Two millimetres) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately), including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	2.55	Square metres			Per square metre	
13	Painting Wood 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 including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	38.40	Square metres			Per square metre	
14	Providing and laying 40mm (Forty millimetre) thick cement concrete flooring 1:2:4 (one cement : two coarse sand : four graded stone aggregate) 20mm (Twenty millimetre) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	15.00	Square metres			Per square metre	
15	Providing plinth protection 50mm (Fifty millimetres) thick cement concrete 1:3:6 (One cement: Three sand: Six graded crushed stone aggregate 20mm (Twenty millimetres) nominal size) including finishing the top surfaces of concrete smooth complete including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	6.00	Square metres			Per square metre	
16	Providing and fixing Hindi Matras commas and the like not to be measured and paid for separately) Half letters shall be counted as half only complete excluding the cost of form work in foundation and plinth as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	900.00	Per letter per Centi-metres height			Per letter per Centi-metres height	
Total :-							


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

SCHEDULE OF QUANTITY

NAME OF WORK :- Special repair to Senior Girls Hostel in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.).
SUB-HEAD :- Providing and laying interlocking paver block in Left side.

ESTIMATED COST :- ₹ 499663.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT : THREE MONTH

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, upto any lead All kinds of soil complete as per architectural drawings complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	38.18 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.	34.09 Cubic metres			Per cubic metre	
3	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	1.14 Cubic metres			Per cubic metre	
4	Providing and laying 60mm thick cement concrete paver block of M-35 grade of with approved colour, design & 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 and 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 locking NTC/ GDC/Atlantica make including 4mm (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) of as per required size and pattern, finishing and sweeping extra sand, complete all as per direction of Engineer-in- Charge complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	310.52 Square metres			Per square metre	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- Rs. 199989.00
EARNEST MONEY :- Rs. 4000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Sahshi Kant House to Gian Chand House at Ambari Ward No-7 in Distt. Kangra (H.P.). Depsot Work.
SUB-HEAD :- Providing and laying interlocking paver block in Km 0/000 to 0/085

S. No.		Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level laying with 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40mm (Forty millimetre) nominal size complete as per direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	0.30 Cubic meters			Per cubic metre	
2	Providing and laying 80mm (Eighty millimetres) thick Interlocking Concrete Paver Block ISI make as per drawings and Technical Specification Clause 1504 of ISI make including 4mm (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete as per direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	158.98 Square metres			Per Square metre	
TOTAL :-						


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

Name of Work: ~~Construction~~ of Residential Building at Nagrota Bagwan in Distt. Kangra (H.P.)
Sub Head:- Dismantling, Concrete work, flooring, Steel work & Sanitary Work etc.

Schedule of Quantity

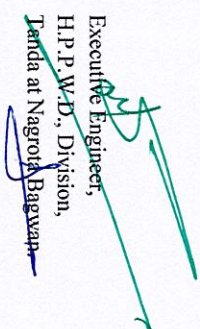
ESTIMATED COST:- ₹ 307779.00
EARNEST MONEY:- ₹ 6200.00
TIME LIMIT : THREE MONTHS

S. No	Descriptions of Items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm 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.	7.50			Per square metre	
2	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), joining with grey cement slurry @ 3.3 kg/Per square metre including pointing the joints with white cement and matching pigment etc., 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.	7.50			Per square metre	
3	Providing and laying 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 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.	9.90			Per cubic metre	
4	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitted and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately) : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) 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.	43.52			Per kilo gram	
5	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitted and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15) 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.	58.37			Per kilo gram	

S.	Descriptions of items	Quantity	Rate	Unit	Amount
6	Providing and fixing 12 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 aluminum 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 per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	5.30		Per square metre	
7	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete With 12 mm mild steel U bending 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.	1.58		Per square metre	
8	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 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.	1274.00		Per kg Kilo-gramme	
9	Providing and fixing Polyethylene-Aluminium Polyethylene PE-AL- PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-incharge. Concealed work, including cutting chases and making good the wall etc. 1620 (20 mm OD) pipe 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.	60.00		Per running metre	
10	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 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.				
(i)	150 mm diameter	25.00		Per running metre	
(ii)	110 mm diameter	20.00		Per running metre	
11	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion 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.				
(i)	Bend 87.5° 150 mm bend	10.00		Each	
(ii)	Bend 87.5° 110 mm bend	8.00		Each	
(iii)	Shoe (Plain) 110 mm Shoe	6.00		Each	

S.	Descriptions of Items	Quantity	Rate	Unit	Amount
12	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid 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.	1.00		Each	
13	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by 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.	1.00		Each	
14	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 550x400 mm with a pair of 15 mm C.P. brass pillar taps 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.	1.00		Each	
15	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings 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.	1.00		Each	
16	Providing and fixing 40 mm dia flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings 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.	1.00		Each	
17	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers 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.	1.00		Each	
18	Providing and fixing C.P. brass toilet paper holder 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.	1.00		Each	
19	Providing and fixing 100 mm inlet and 75 mm outlet trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905 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.	2.00		Each	
20	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms 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.	2.00		Each	

S.	Descriptions of Items	Quantity	Rate	Unit	Amount
21	Providing and fixing 15 mm nominal C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 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.	5.00		Each	
22	Providing and fixing 15 mm nominal bore C.P. brass bib cock of approved quality conforming to IS:8931 : 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.	3.00		Each	
Total :-					


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

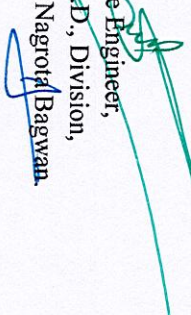
Schedule of Quantity

ESTIMATED COST :- Rs. 499776.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Bandi Matiyari road Km 0/000 to 3/600 in Distt. Kangra (H.P.)
SUB HEAD :- Construction of Edge wall, providing and laying interlocking paver block 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.	24.60 Cubic metres			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.	32.55 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.	58.00 Running metres			Per running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	13.20 Cubic metres			Per cubic metre	
5	Earth Filling in foundation trenches as per drawing and technical specification Clause 305.3.9, 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.	68.40 Cubic metres			Per cubic metre	

6	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two 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 and as per drawing and HP.PWD technical specifications, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	24.00	Cubic metres			Per cubic metre	
7	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-Incharge including carriage of materials within all leads, lifts and other incidentals.	240.00	Square metres			per square metre	
TOTAL :-							


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

Schedule of Quantity

ESTIMATED COST :- Rs. 499033.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Special repair of Ravi Hostel in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)
SUB HEAD :- Balance work of Retaining wall in Ravi Hostel.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	1	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable 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.	36.40 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 siz as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	14.30 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 1:5:10 (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.	108.75 Cubic metres			Per cubic metre	
4	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.	78.45 Running metres			per running metre	
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18.90 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST: - ₹ 499944.00
EARNEST MONEY: - ₹ 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : Construction of link road from Toru Bah Chaprehar Km 0/000 to 5/000 in Dist Kangra (HP)
SUB HEAD Construction of 900mm dia Hume Pipe culvert at RD 1/300 i/c left side abutments

S. No.	Description of items	Qty	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 metres) on plan, including dressing of sides and ramming of bottoms, lift upto 1.5m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50m (fifty meters), dressing of sides and bottom and backfilling in trenches with excavated suitable material as directed by the Engineer-In-charge, including carriage of materials within all leads lifts and other incidentals.	22.10			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 laying with 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40mm (Forty millimetre) nominal size complete as per direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	1.88			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.	8.10			Per cubic metre	
4	Providing and laying non-pressure NP2 class R.C.C. hume pipes 900mm (Nine hundred millimetre) dia with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc; 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.	7.50			Per running metre	
5	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	107.28			Per cubic metre	
6	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	32.15			Per running metre	
7	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	12.18			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity


ESTIMATED COST :- ₹. 185245.00
EARNEST MONEY :- ₹. 3750.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Mundla to Tikka Dhar to link village Lilly & antrar Km 2/900 to 5/660 in Dist. Kangra (H.P.).
SUB-HEAD :- Removal of land slide slips, maintenance of drains & shoulders etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut materials within lift upto 1.50mts(One decimal fifty meters) and lead upto 1000 mtrs (One thousand metres) as per technical specifications 302.3.5 and 1611 complete including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	1245.00 Cubic meters			Per cubic metre	
3	The maintenance of drains include erosion, repair, clearing, cleaning, reshaping, regrading, deepening of side drains as well as catch water drains as per technical specification Clause 1907 complete including entire carriage of materials within all leads, lifts and other incidentals.	250.00 Square metres			Per square metre	
3	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any lead (Maintenance of Earthen shoulder (filling with fresh selected soil) as per technical specification Clause 1903, as per directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	680.00 Square meters			Per square metre	
3	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) 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. Electric resistance or induction butt welded tubes complete as per directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	407.09 Kilo grams			Per kilo gram	
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 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) complete as per directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	1.20 Cubic meters			Per cubic metre	
TOTAL :-						

Executive Engineer,
HP PWD Division,
Panda at Nagrota Bagwan.

S. No.	Description of items	Qty	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
7	15. mm (Fifteen milimetre) thick cement plaster in single coat on fair side of brick/concretes/ stone walls for interior plastering up to all floor level including arises, internal angles, chamfers and /or rounded angles not exceeding 80mm (Eighty milimetre) in girth and finished even and smooth with cement mortar 1:6 (One cement isto Six sand) complete and as per approved drawing, design including carriage of materials within all leads, lifts and other incidentals and as directed by the Engineer-in-Charge.	179.00 Square metres			Per square metre	
8	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equaried on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete and as per approved drawing, design including carriage of materials within all leads, lifts and other incidentals and as directed by the Engineer-in-Charge.	179.00 Square metres			Per square metre	
9	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 and as per approved drawing, design including carriage of materials within all leads, lifts and other incidentals and as directed by the Engineer-in-Charge.	240.00 Kilo grams			Per kilo gram	
10	Applying priming coat over new steel & other metal surfaces after and including preparing the surface by thoroughly cleaning oil grease dirt and other foreign matter and scoured with wire brushes fine steel wool scrapers and sand paper complete with ready mixed priming paint brushing red lead, Red-oxide/zinc oxide chrome complete including applying a priming coat of red lead paint complete and as per approved drawing, design including carriage of materials within all leads, lifts and other incidentals and as directed by the Engineer-in-Charge.	9.10 Square metres			Per square metre	
11	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter enamel paint other than white complete and as per approved drawing, design including carriage of materials within all leads, lifts and other incidentals and as directed by the Engineer-in-Charge.	8.00 Square metres			Per square metre	
TOTAL :-						


 Executive Engineer,
 H.P.P.W.D., Division,
 Tanda at Nagerola Bagawan.

Schedule of Quantity

ESTIMATED COST: -Rs. 499939.00
EARNEST MONEY : -Rs. 10000.00
TIME LIMIT :- ONE MONTH

NAME OF WORK:- Restoration of rain damages on various roads under Nagrota Sub-Division, H.P.P.W.D., Nagrota Bagwan in Dist Kangra (H.P.).
SUB HEAD: - *Repair of pot holes by providing patch work.*

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	1	3	4	5	6	7
1	Maintenance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged edges and ravelling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental.	33.45			Per square metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental.	1620.80			Per square metre	
TOTAL:-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 266088.00
EARNEST MONEY: - ₹ 5350.00
TIME LIMIT: - THREE MONTHS

NAME OF WORK :- Special repair to various hostel in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)
SUB-HEAD :- *Painting of roof of Senior Girls/Boys Hostel & Type-V Block-H Girls Hostel etc;*

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Removing old paint from Steel and other metal surfaces & making the surface even complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	913.60 Square metres			Per Square metre	
2	Painting two coats (excluding priming coat) on new steel and other metal surface under coat with ready mixed paint brushing to give an even shade including cleaning the surface all dirt, dust and other foreign matter with white readymixed paint complete and as directed by the Engineer-in-Charge within all leads, lifts of materials and other incidentals	2609.32 Square metres			Per square metre	
3	Painting two or more coats on G.I. sheets with readymix paint of approved brand and manufacture on new work to give an even shade. White /grey/green shade complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2609.32 Square metres			Per Square metre	
TOTAL :-						

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

Schedule of Quantity

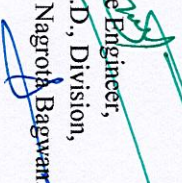
ESTIMATED COST: - Rs. 138534.00
EARNEST MONEY :- Rs. 2800.00
TIME LIMIT : ONE MONTHS

NAME OF WORK :- Construction of Veterinary Dispensary at Barana in Tehsil Baroh in Dist. Kangra (H.P.)

SUB HEAD :- Balance work of providing and laying paver block, C/O Edge wall and path 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.	27.15 Cubic meters			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal size as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	6.20 Cubic meters			Per cubic metre	
3	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 20mm (Twenty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	11.63 Cubic meters			Per cubic metre	
4	Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter to forty five millimeter) Grading-I size [100mm (One hundred 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 0.30cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point eight cubic metre) per 10 Sqm (ten square meter) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	3.63 Cubic metres			Per cubic metre	

5	Providing and laying 60mm thick cement paver block of M-35 grade with approved colour, 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 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.	32.00 Square metre				
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST: -Rs. 499939.00
EARNEST MONEY : -Rs. 10000.00
TIME LIMIT :- ONE MONTH

NAME OF WORK:- Restoration of rain damages on various roads under Baroh Sub-Division, H.P.W.D., Baroh in Distt Kangra (H.P.).

SUB HEAD: - *Repair of pot holes by providing patch work.*

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1		3	4	5	6	7
1	Maintenance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged edges and travelling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental.	33.45 Square meters			Per square metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental.	1620.80 Square meters			Per square metre	
TOTAL:-						

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

Schedule of Quantity

ESTIMATED COST :- Rs. 499979.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on link road Massal to Parmar Basti Km 0/000 to 2/00 in Distt. Kangra (H.P.)
SUB HEAD :- Construction of Retaining wall at RD 1/240 to 1/270

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable 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.	58.15 Cubic meters	4	5	Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (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.	119.24 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.	68.15 Running metres			Per running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	39.75 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST:- Rs. 499895.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Padar to Nianunda road Km 0/000 to 4/000 in Distt. Kangra (H.P.)
SUB HEAD :- Providing and laying cement concrete pavement road, C/O U-shape drain and removal of slips between at RD 0/000 to 4/000

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimeters) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidentals.	9.60 Cubic metres			Per cubic metre	
2	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 (Forty three) grade cement or any other type as per Clause 1501.2.2 M-30 (M-Thirty) (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25mm (Twenty five millimeters), mixed in a concrete mixer of not less than 0.2 cum (Zero point two cubic metre) capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron (One hundred twenty five) thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification Clause 1501 as directed by the Engineer- Incharge including entire carriage of materials within all leads, lifts and other incidentals.	32.00 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 millimeters) 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.	18.50 Cubic metres			Per cubic metre	
4	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut materials within lift upto 1.50mts(One decimal fifty meters) and lead upto 1000 mtrs (One thousand metres) as per technical specifications 302.3.5 and 1611 complete including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	2100.00 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of quantity

ESTIMATED COST:- ₹ 499988.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road from Ambla Basti and Rahar Basti in G.P. Upreli Manjhedti Km 0/000 to 2/000 in Distt. Kangra (H.P.).
SUB-HEAD :- Construction of Wire Crates work at RD 0/540 to 0/600

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.	68.78 Cubic meters			Per cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4mm dia (Four millimeters) GI wire conforming to IS:280 and IS:4826 in 150mm x 150mm (One hundred fifty into One hundred fifty millimeters) mesh (woven diagonally) including 10% (Ten percent) extra for laps and joints laid with stone boulders weighing not less than 25 Kgs (Twenty five kilograms) each as per drawing and technical specifications Clause 1301, as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	189.87 Cubic meters			Per cubic metre	
TOTAL:-						

Executive Engineer
 P.W.D. Division
 Jalandhar, Jalandhar Bagwan