

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 **04.10.2022** 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 **03.10.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **01.10.2022** 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.	Construction of Bridge over Chor Nallah on link road Nagrota Bagwan to Dhauladhar Colony Industrial Area in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/225 to 0/240).	499054/-	10000/-	Three months
2.	Construction of Major District roads under HP PWD Division Tanda at Nagrota Bagwan in Distt Kangra (HP) (SH:-Supply and fixing cautionary/Sign board delinators & cat eyes etc;)	491875/-	9850/-	One month
3.	Construction of Major District roads under HP PWD Division Tanda at Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and laying paver block construction of Edge wall at RD 3/800 to 0/900)	482355/-	9650/-	Three months
4.	Construction of Indoor Hall at Nagrota Bagwan in Distt Kangra (HP) (SH:-Deposit work) (SH:-Balance work P/F prepainted sheet work and M.S. B.P. sheet etc;)	499992/-	10000/-	Three months
5.	Special repair of Govt. Civil Hospital Nagrota Bagwan in Distt Kangra (HP) (SH:-Construction of Shed (Balance work).	144070/-	2900/-	Two months
6.	Special repair to 1 st year MBBS Girls Hostel in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Steel work of extension of height of boundary wall and barbed wire fencing etc;)	499964/-	10000/-	Three months
7.	Link road old Chungi to Gas Godown Km 0/000 to 00/600 in Distt Kangra(HP) (SH:-Balance work of culvert at RD 0/170 & 0/520).	183663/-	3700/-	Three months
8.	Construction of residential building under Sub-Division HP PWD Nagrota Bagwan in Distt kangra (HP) (SH:-Supplying & laying good earth & grass etc;)	105230/-	2150/-	One month
9.	Special repair to Civil Hospital at Nagrota Bagwan in Distt Kangra (HP) (SH:-Construction of 60mm thick interlocking paver block etc)	499964/-	10000/-	Three months
10.	Restoration of rain damages on Rajiv Gandhi Govt. Engineering Degree at Nagrota Bagwan in Distt Kangra (HP) (SH:-Deposit work) (SH:-Construction of retaining wall in Trainee Hostel)	376999/-	7550/-	Three months
11.	Restoration of rain damages on Rajiv Gandhi Govt. Engineering Degree at Nagrota Bagwan in Distt Kangra (HP) (SH:-Construction of Boundary wall in Trainee Hostel).	499901/-	10000/-	Three months
12.	Special repair to Various Hostel at Dr. R.P. Govt. Medical College Tanda in Distt. Kangra (H.P.)(SH:-Providing and fixing water supply and sanitary installation etc.)	499901/-	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/

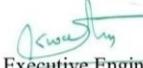
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Copy to the following for information and necessary action:-

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
(On behalf of Governor of Himachal Pradesh)

Dated/ *26-9-2022*


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

Schedule of Quantity

NAME OF WORK :- Construction of Bridge over Chor Nallah on link road Nagrota Bagwan to Dhauladhar Colony Industrial Area in Distt Kangra (HP).
SUB HEAD :- Construction of Retaining wall at RD 0/225 to 0/240

S. No.	Description of items	Quantity	Rate		Unit	Amount	
			In fig.	In words			
1	2	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.	18.15	Cubic metres	Per cubic metre			
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (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.	122.65	Running 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 6/4, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	58.15	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.	35.20	Cubic metres	Per cubic metre			
<i>TOTAL :-</i>							

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

Schedule of Quantity

NAME OF WORK:- Construction of Major District Roads under H.P.P.W.D, Division, Tanda at Nagrota Bagwan in Distt. Kangra (H.P.)

TIME LIMIT:-

ESTIMATED COST:- ₹ 491875.00
EARNEST MONEY:- ₹ 9850.00
TIME LIMIT:- ONE MONTH

SUB HEAD:- *Supply and fixing Cautionary/Sign board, delimiters & cat eyes etc;*

Sr. No	Description of items	Quantity	In Fig.	Rate In Words	Unit	Amount
1	1 Providing and fixing informative board of size 450x450mm (Four hundred fifty into Four hundred fifty millimetres) nominal size with 3mm thick ACP panel type-II retro reflective sheet of Avery denimon both side with back support of 25x25x3mm M.S angle as per clause number 800 of MORT & H complete. Front side to have High intensity micro prismatic reflective sheeting confirming to ASTM type-XI computerised designed & cut on computer plotter and back side to be painted with epoxy. This shall be fixed with two Numbers leg post of 65x65x5mm, height 3 meter painted with first quality enamel paint of alternate colour black and white strips, the post shall be fixed in cement concrete 1:2:4 (1 cement: 2 sand: 4 graded crushed stone aggregate 20mm size 60x60x60cm size complete as per directed by Engineer-Incharge, including carriage of materials within all leads, lifts of materials and other incidentals.	2	3	4	5	6
2	2 Providing and fixing informative board of size 600x600mm (Six hundred into Six hundred millimetres) nominal size with 3mm thick ACP panel type-II retro reflective sheet of Avery denimon both side with back support of 25x25x3mm M.S angle as per clause number 800 of MORT & H complete. Front side to have High intensity micro prismatic reflective sheeting confirming to ASTM type-XI computerised designed & cut on computer plotter and back side to be painted with epoxy. This shall be fixed with two Numbers leg post of 65x65x5mm, height 3 meter painted with first quality enamel paint of alternate colour black and white strips, the post shall be fixed in cement concrete 1:2:4 (1 cement: 2 sand: 4 graded crushed stone aggregate 20mm size 60x60x60cm size complete as per directed by Engineer-Incharge, including carriage of materials within all leads, lifts of materials and other incidentals.	14	14	Number	Each	
3	3 Supplying and stacking dual directional rectangular delimiters made of road 18 gauge (Eighteen) M.S. rectangular pipe of size 25x68mm (Twenty five into sixty eight millimetres) and of length 600mm (Six hundred millimetres) pipe stove enameled and basket to 120 (One hundred twenty) C/powder coated. Head made of ABS plastic rectangular moulded with flat face provided with high intensity prismatic reflectors of colour (Yellow) of size 100x125mm (One hundred into one hundred twenty five millimetres) with additional to reflective strips of 20mm (Twenty millimetres) wide make greens/lite as per directed by the Engineer-in-Charge including entire carriage of materials within all leads, lifts and other incidentals..	150	150	Numbers	Each	
4	4 Supply and fixing of dual directional reflective cat eyes of impact resistant ABS plastic studs 100x100mm (One hundred into One hundred millimetres) having ultraviolet resistant colour (White/red/yellow) with plastic ABS strip containing 31x2=62 mini retro reflective glass beads of colour white/red/yellow to a side provided with self built in plastic stem for firm fixing to road with epoxy Cat Part No. GPL-02-32 make Greens/Green or equivalent complete including carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	1095	1095	Numbers	Each	
TOTAL:-						

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

Schedule of Quantity

ESTIMATED COST: - Rs. 482355.00
EARNEST MONEY : - Rs. 9650.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - Construction of Major District Roads under H.P.P.W.D., Division, Tanda at Nagrota Bagwan in Distt. Kangra (H.P.).

SUB HEAD : - *Providing and laying paver block, Construction of Edge wall at RD 3/800 to 3/900*

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	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.	10.15	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 heads, lifts and other incidentals.	18.15	Cubic metres		Per cubic metre	
3	Providing and Laying 80mm (Eighty millimetres) Interlocking Concrete Block Pavements having thickness as per drawings and Technical Specification Clause 1504 make of NTC/ GDC/Atlantica make including 4mm thick (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete and as per IRC SP-63-2004 & IS 15658 as per the instructions of the Engineer-Incharge within all leads, lifts of materials and other incidentals.	220.00	Square metres		Per Square 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 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.	8.15	Cubic metres		Per cubic metre	
5	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.	6.18	Cubic meters		Per cubic metre	

			Per Square metre
6	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-Incharge including carriage of materials within all leads, lifts and other incidentals.	2.15	Square metres
7	Providing, laying and fixing of Acrylic material work (I ♦ Nagrota Bagwan) including fixing positioning and havey established fixture of letter size minimum 2.00 ft (Two point zero zero feet) in height of required shape and shade including necessary screws fitting complete and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	1	Each
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 including entire carriage of materials within all leads, lifts and other incidentals.	288.15	Kilogram
TOTAL :-			

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

Schedule of Quantity

NAME OF WORK :- Construction of Indoor Hall at Nagrota Bagwan in Distt. Kangra (H.P.) (DEPOSIT WORK).

SUB-HEAD :- *Balance work of P/F prepainted sheet roofing, steel work and M.S. B.P. sheet etc*

ESTIMATED COST:-	₹ 499992.00
EARNEST MONEY:-	₹ 10000.00
TIME LIMIT:-	THREE MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In sqft	In words		
1	Providing and fixing 0.60mm (Zero decimal Six Zero milimetres) thick prepainted sheet Tata/Shakti or equivalent 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 10 (Ten) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six millimetres) diametres with prepainted limpet and rubber washers complete with all accessories as required including carriage of materials within all leads and lifts and other incidentals as per approved architectural drawing, design and specification as directed by the Engineer-in-Charge	133.20	3	4	Per square metre	2
2	Structural steel work of Tata / SAIL / Reliance/Jindal riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed by the Engineer-in-Charge.	2129.40	Kilograms		Per kilo gram	
3	Providing and fixing M.S. B.P. sheet 1.66 mm to 2mm thick in eaves board/facia/soffits/ ceiling including cutting, Fixing and welding to seal 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) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	44.65	Square metres		Per square metre	
4	Providing and fixing 6 mm thick Cement fiber board as per IS: 14862 plain multipurpose cement board (light pressure steam cured) with suitable screws for cement particle board in ceiling etc. complete (frame work to be paid separately) wherever necessary as directed by the Engineer-in-charge, including carriage of materials within all leads, lifts and other incidentals.	84.00	Square metres		Per square metre	
<i>TOTAL :-</i>						

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

Schedule of Quantity

ESTIMATED COST:-	₹	144070.00
EARNEST MONEY:-	₹	2900.00
TIME LIMIT :-		
TWO MONTHS		

NAME OF WORK :- Special repair of Govt. Civil Hospital Nagrota Bagwan in Distt Kangra (HP) Deposit work.

SUB/HEAD :- *Construction of Shed. (Bellance Work)*

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter to forty five millimeter) Grading-1 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 zero 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 specification, approved drawing, design as per entire satisfactions and direction of Engineer- in- charge including carriage of material within all leads, lifts and other incidentals.	2	3	4	6	7
1	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 HPPWD specification, approved drawing, design as per entire satisfactions and direction of Engineer- in- charge including carriage of material within all leads, lifts and other incidentals.	12.00	Cubic metres		Per cubic metre	
3	Providing and laying 600x600mm (Six hundred into six hundred millimetres) vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete as per HPPWD specification, approved drawing, design as per entire satisfactions and direction of Engineer- in- charge including carriage of material within all leads, lifts and other incidentals.	14.49	Square metres		Per square metre	
4	Supplying and fixing 80x1.25mm M.S. laths with 1.25mm thick work in single section, fixed with top cover rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454- part 1 and M.S. top cover of required thickness for rolling shutters as per HPPWD specification, approved drawing, design as per entire satisfactions and direction of Engineer- in- charge including carriage of material within all leads, lifts and other incidentals.	15.12			Per square metre	
5	Providing and fixing ball bearing for rolling shutters complete as per HPPWD specification, approved drawing, design as per entire satisfactions and direction of Engineer- in- charge including carriage of material within all leads, lifts and other incidentals.	3	Numbers	Each		
6	Extra for providing mechanical device chain and crank operation for operating rolling shutters Exceeding 10.00 sqm and upto 16.80 sqm in the area complete as per HPPWD specification, approved drawing, design as per entire satisfactions and direction of Engineer- in- charge including carriage of material within all leads, lifts and other incidentals.	15.12	Square metres		Per square metre	
<i>TOTAL :-</i>						

R.S.

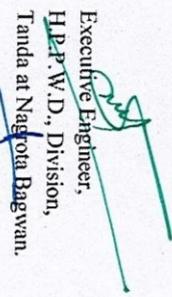
Executive Engineer,
H.P.P.W.D. Division,
Tanda at Nagrota Bagwan.

SCHEDULE OF QUANTITY

NAME OF WORK :- Special repair to 1st Year MBBS Girls Hostel in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)
 SUB-HEAD :- *Steel work of extension of height of boundary wall and barbed wire fencing etc.*

ESTIMATED COST: -	₹	499964.00
EARNEST MONEY: -	₹	10000.00
TIME LIMIT: :-		THREE MONTHS

S. No.	Description of items	Quantity		Rate		Unit	Amount
		3	4	5	6		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metres) in width or 10 sqm (Ten square metres) 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 soils as directed, within a lead of 50 m (Fifty metres) ordinary rock complete and as per direction of Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	7.45		Cubic metres	Per Cubic 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	6.20		Square metres	Per Square metre		
3	Providing and laying in position cement concrete of specified grade W 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 (Twenty millimetres) nominal size) complete and as per direction of Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	7.45		Cubic metres	Per Cubic metre		
4	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. complete and as per direction of Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	4261.90		Kilograms	Per Kilogram		
5	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used with G.I. barbed wire complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	690.00		Running metres	Per Running metre		
TOTAL: -							


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

Schedule of Quantity

ESTIMATED COST: - Rs. 183663.00
EARNEST MONEY: - Rs. 3700.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Link road Old Chungi to Gas Godown Km 0/000 to 0/600 in Distt. Kangra (H.P).
SUB HEAD :- *Balance work of cutvert at RD 0/170 & 0/520.*

S. No.	Description of items	Quantity	Rate		Unit	Amount
			<i>In Sq.</i>	<i>In words</i>		
<i>1</i>	<i>1</i> 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.	22.00		Per cubic meter		
<i>2</i>	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials within all leads, lifts and other incidentals.	1050.00	Kilogram	Per kilogram		
<i>3</i>	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.	12.00	Cubic meters	Per cubic metre		
<i>TOTAL</i> :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST:- ₹ 105230.00
EARNEST MONEY:- ₹ 2150.00
TIME LIMIT :- ONE MONTH

NAME OF WORK :- Construction of Residential Building under Sub-Division, HPPWD Nagrota Bagwan in Distt. Kangra (HP).
SUB-HEAD :- *Supplying & laying good earth & grass etc;*

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In sqft	In words		
1	Grassing with good quality of grass including watering and maintenance of the lawn for 30 days or more till the grass form a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid separately) in rows 7.5 cm apart in either direction and including entire carriage of material in all leads, lifts and cost of all other incidentals.	395.00	Square metres	6	Per square metre	2
2	Supplying and stacking of good earth at site including royalty and carriage within all leads and lifts (Earth measured in stacks will be reduced by 20% for payment) and including entire carriage of material in all leads, lifts and cost of all other incidentals.	40.50	Cubic metres	7	Per cubic metre	283.50
				Total:-		

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

Schedule of Quantity

NAME OF WORK :-	Special repair to Civil Hospital at Nagrota Bagwan in Distt. Kangra (H.P.).	ESTIMATED COST :-	Rs. 499964.00
SUB HEAD :-	<i>Construction of 60mm thick interlocking paver block etc;</i>	EARNEST MONEY :-	Rs. 10000.00
		TIME LIMIT :-	THREE MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering .Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and H.P.P.W.D technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	18.55	3	18.55	Per cubic metre	7
2	Providing and Laying 60mm (Sixty millimetres) Interlocking Concrete Block Pavements having thickness as per drawings and Technical Specification Clause 1504 make of NTC/GDC/Atlantica make including 4mm thick (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete and as per IRC SP-63-2004 & IS 15658 as per the instructions of the Engineer-Incharge within all leads, lifts of materials and other incidentals.	380.30	4	Square metres	Per Square metre	
<i>TOTAL :-</i>						

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

Schedule of Quantity

NAME OF WORK :-	Restoration of rain damages on Rajiv Gandhi Govt. Engineering Degree at Nagrota Bagwan in Distt. Kangra (H.P.). (Deposit work).	TIME LIMIT :-	THREE MONTHS
<u>SUB HEAD :-</u>			

S. No.	Description of items	Quantity	Rate	Unit	Amount
		Quantity	In fig.	In words	
			3	4	5
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.	28.15	Cubic meters	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.	75.00	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):2(0(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.	43.00	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, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	14.60	Cubic metres	Per cubic metre	
TOTAL :-					

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

Schedule of Quantity

NAME OF WORK :- Restoration of rain damages on Rajiv Gandhi Govt. Engineering Degree at Nagrota Bagwan in Distt. Kangra (H.P.). (Deposit work).
SUB HEAD :- Construction of Boundary wall in Trainee Hostel.

S. No.	Description of items	Quantity	Rate	Unit	Amount
		In fig.	In words		
		3	4	5	6
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.	36.85	Cubic meters	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-Incharge including carriage of material within all leads, lifts and other incidentals.	35.55	Cubic metres	Per cubic metre	
3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, including the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm 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.	3.60	Cubic metres	Per cubic metre	
4	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, including cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) complete as per drawing and technical specifications and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	5.64	Cubic metres	Per cubic metre	
5	Steel reinforcement for Reinforced Cement Concrete work including straightening, cutting, bending, placing in position and binding all complete above plinth level Thermo-Mechanically Treated bars of grade Fe-500D or morecomplete 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.	1158.80	Kilo grams	Per kilo gram	

6	Providing alyng brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor all level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	11.07	Cubic metres	Per cubic metre
7	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials within all leads, lifts and other incidentals.	217.80	Kilogram	Per kilogram
8	15 mm cement plaster on the rough side of single or half brick wall of mix : in 1:4 (1 cement: 4 fine sand) as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	212.47	Square metres	Per square metre.
9	Providing and applying J.K./Birla white cement based wall care putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	212.47	Square metres	Per square metre.
10	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives complete on New work (Two or more coats applied @1.43 litre/ 10 sqm Over and including priming coat of exterior primer applied @0.90 litre/10 sqm as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	212.47	Square metres	Per square metre.
<i>TOTAL :-</i>				

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

SCHEDULE OF QUANTITY

ESTIMATED COST:- ₹ 499256.00
EARNEST MONEY:- ₹ 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Special repair to Various Hostel at Dr. R.P. Govt. Medical College Tanda in Distt. Kangra (H.P.)
SUB-HEAD :- *Providing and fixing water supply and sanitary installation etc.*

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre (Ten 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 complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1	1	6	Each	7
2	Providing and fixing white vitreous china water closet squatting pan (Indian type) Orissa pattern W.C. pan of size 580x440 mm (Five hundred eighty into four hundred forty millimetres) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1	1	Each	Each	
3	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	8	Number	Each	Each	
4	Providing and fixing CP Brass 32mm (Thirty two millimetres) size Bolite trap of approved quality & make complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1	1	Each	Each	
5	Providing and fixing white solid plastic seat with lid for pedestal type W.C. pan complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1	1	Each	Each	
6	Providing and fixing Flat back wash basin of size 450x300 mm (Four hundred fifty into three hundred millimetres) white vitreous china wash basin including making all connections but excluding the cost of fittings complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1	1	Each	Each	
7	Providing and fixing 32 mm (Thirty two millimetres) dia C.P. brass chain and rubber plug complete for sink or wash basin complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	4	Numbers	Each	Each	
8	Providing and fixing Semi rigid pipe 32 mm (Thirty two millimetres) dia P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	6	Numbers	Each	Each	
9	Providing and fixing Circular type 100 mm (One hundred millimetres) nominal dia PTMT grating of approved quality and colour complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	8	Numbers	Each	Each	
10	Providing and fixing 600x450mm (Six hundred into four hundred fifty millimetres) thick hard board ground fixed to superior glass (of approved quality) complete with 6 mm (Six millimetres) wooden cleats with C.P. brass screws and washers complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	5	Numbers	Each	Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
I		2	3	4	5	6 7
11	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 450 mm (Four hundred fifty millimetres) long towel rail with total length of 495 mm (Four hundred ninety five millimetres), 78 mm (Seventy eight millimetres) wide and effective height of 88 mm (Eighty eight millimetres), weighing not less than 170 gms (One hundred seventy grams) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	8 Numbers	3 Numbers	4 Numbers	5 Numbers	6 Each
12	Providing and fixing 600x120x5 mm (Six hundred into one hundred twenty into five millimetres) glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm (Forty millimetres) long screws, raw plugs, etc. complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	6 Numbers	6 Numbers	6 Numbers	6 Each	6 Each
13	Providing and fixing PTMT soap Dish Holder having length of 138mm (One hundred thirty eight millimetres), breadth 102mm (One hundred two millimetres), height of 75mm (Seventy five millimetres) with concealed fitting arrangements, weighing not less than 106 gms. (One hundred six grams) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	10 Numbers	10 Numbers	10 Numbers	10 Each	10 Each
14	Providing and fixing 15 mm (Fifteen millimetres) nominal bore C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. (Eight hundred ten grams) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	8 Numbers	8 Numbers	8 Numbers	8 Each	8 Each
15	Providing and fixing 15 mm (Fifteen millimetres) nominal bore C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. (Six hundred ninety grams) complete as per direction of Engineer-in-Charge including entire carriage of materials within all leads, lifts and other incidentals.	4 Numbers	4 Numbers	4 Numbers	4 Each	4 Each
16	Providing and fixing 15mm (Fifteen millimetres) nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	5 Numbers	5 Numbers	5 Numbers	5 Each	5 Each
17	Providing and fixing 510x1040 mm (Five hundred ten into one thousand forty millimetres) bowl depth 250 (Two hundred fifty) Stainless Steel A ISI 304 (18/8) kitchen sink with drain board as per IS:13983 with C.I. brackets and stainless steel plug 40 mm (Forty millimetres), including painting of fittings and brackets, cutting and making good the walls wherever required complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1 Number	1 Number	1 Number	1 Each	1 Each
18	Providing and fixing 15 mm (Fifteen millimetres) nominal bore uplasticised PVC connection pipe with brass unions 30 cm (Thirty centimetres) length complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	10 Numbers	10 Numbers	10 Numbers	10 Each	10 Each
19	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.					
i	15 mm (Fifteen millimetres) nominal bore	12 Numbers	12 Numbers	12 Numbers	12 Each	12 Each
ii	20 mm (Twenty millimetres) nominal bore	8 Numbers	8 Numbers	8 Numbers	8 Each	8 Each

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1		2	3	4	5	6
20	Providing and fixing 15 mm (Fifteen millimetres) nominal bore brass bib cock of approved quality complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	10	10	5	6	7
21	Providing and fixing 15 mm (Fifteen millimetres) nominal bore brass stop cock of approved quality complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	10	10	5	6	7
22	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	5	5	5	5	5
23	Providing and fixing 10 litre (Ten litre) capacity - White P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	2	2	2	2	2
24	Providing and fixing 500 (Five thousand) litres net capacity tank (THREE LAYER SINTAX, JAI BHARAT, D-PLAST, VECTUS) PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (Fifteen millimetres) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level (Jai bharat D-plast Vacuts equivalent) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	3	3	3	3	3
25	Providing and fixing 1000 (One thousand) litres net capacity tank (THREE LAYER SINTAX, JAI BHARAT, D-PLAST, VECTUS) PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (Fifteen millimetres) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level (Jai bharat D-plast Vacuts equivalent) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	2	2	2	2	2
26	Providing and fixing 2000 (Two thousand) litres net capacity tank (THREE LAYER SINTAX, JAI BHARAT, D-PLAST, VECTUS) PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (Fifteen millimetres) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level (Jai bharat D-plast Vacuts equivalent) complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	2	2	2	2	2
27	Providing and fixing 5000 (Five thousand) litres net capacity tank (THREE LAYER SINTAX, JAI BHARAT, D-PLAST, VECTUS) PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (Fifteen millimetres) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level (Jai bharat D-plast Vacuts equivalent) complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	1	1	1	1	1
28	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	175.00	175.00	Per Running metre	Per Running metre	175.00
i	15 mm (Fifteen millimetres) dia nominal bore					

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
I		2	3	4	5	6
i	20 mm (Twenty millimetres) dia nominal bore		140.00		Per metres	7
ii	25 mm (Twenty five millimetres) dia nominal bore		100.00	Running metres	Per metre	
iii	25 mm (Twenty five millimetres) dia nominal bore		100.00	Running metres	Per metre	
29	Providing and fixing G.I. Tank Nipple complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.		5		Each	
i	15mm (Fifteen millimetres) dia	Numbers	10		Each	
ii	20mm (Twenty millimetres) dia	Numbers	5		Each	
ii	25mm (Twenty five millimetres) dia	Numbers	5		Each	
30	Providing and fixing G.I. Gate valve complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.		15		Each	
i	15mm (Fifteen millimetres) dia	Numbers	15		Each	
ii	20mm (Twenty millimetres) dia	Numbers	10		Each	
ii	25mm (Twenty five millimetres) dia	Numbers	10		Each	
31	Providing and fixing G.I. Float valve complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.		10		Each	
i	15mm (Fifteen millimetres) dia	Numbers	8		Each	
ii	20mm (Twenty millimetres) dia	Numbers	5		Each	
iii	25mm (Twenty five millimetres) dia	Numbers	5		Each	
32	Providing and fixing G.I. Nipple complete as per direction of Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.		30		Each	
1	15mm (Fifteen millimetres) dia	Numbers	35		Each	
i	2" (Two Inch)					
ii	3" (Three Inch)					

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
<i>I</i>		2	3	4	5	6
<i>ii</i>	4" (Four Inch)	36	Numbers		Each	7
<i>iii</i>	6" (Six Inch)	40	Numbers		Each	
<i>iv</i>	10" (Ten Inch)	20	Numbers		Each	
<i>V</i>						
2	20mm (Twenty millimetres) dia					
<i>i</i>	2" (Two Inch)	20	Numbers		Each	
<i>ii</i>	3" (Three Inch)	25	Numbers		Each	
<i>iii</i>	4" (Four Inch)	35	Numbers		Each	
<i>iv</i>	6" (Six Inch)	20	Numbers		Each	
<i>v</i>	10" (Ten Inch)	18	Numbers		Each	
33	Providing and fixing G.I. Union complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	8	Numbers		Each	
<i>i</i>	15mm (Fifteen millimetres) dia	10	Numbers		Each	
<i>ii</i>	20mm (Twenty millimetres) dia	20	Numbers		Each	
<i>iii</i>	25mm (Twenty five millimetres) dia					
34	Providing and fixing G.I. Elbow complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	10	Numbers		Each	
<i>i</i>	15mm (Fifteen millimetres) dia	12	Numbers		Each	
<i>ii</i>	20mm (Twenty five millimetres) dia	18	Numbers		Each	
<i>iii</i>	25mm (Twenty five millimetres) dia					
35	Providing and fixing G.I. Tee complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	15	Numbers		Each	
<i>i</i>	15mm (Fifteen millimetres) dia					

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1		2	3	4	5	6
2	20mm (Twenty millimetres) dia	12			Each	7
3	25mm (Twenty five millimetres) dia	8	Numbers		Each	
36	Providing and fixing G.I. Stop cock complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	10	Numbers		Each	
i	15mm (Fifteen millimetres) dia	15	Numbers		Each	
ii	20mm (Twenty five millimetres) dia	8	Numbers		Each	
37	Providing and fixing G.I. Shocket complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	12	Numbers		Each	
i	15mm (Fifteen millimetres) dia	10	Numbers		Each	
ii	20mm (Twenty five millimetres) dia	15	Numbers		Each	
iii	25mm (Twenty five millimetres) dia	12	Numbers		Each	
38	Providing and fixing 100mm (One hundred millimetres) dia pipes on wall face PVC (D-Plast) rain water pipes of working pressure not less than 4.5 kg (Four point five kilograms)/sqm including filling the joints with approved adhesive complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	150.00 Running metres		Per Running metre		
39	Providing and fixing PVC Plain bend 100mm (One hundred millimetres) dia on wall faces PVC (D-Plast) accessories for rain water pipes including filling the joints with approved adhesive complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	10 Numbers		Each		
40	Providing and fixing PVC collar 100mm (One hundred millimetres) dia on wall faces PVC (D-Plast) accessories for rain water pipes including filling the joints with approved adhesive complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	20 Numbers		Each		
41	Providing and fixing PVC clamp 100mm (One hundred millimetres) dia on wall faces PVC (D-Plast) accessories for rain water pipes including filling the joints with approved adhesive complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	40 Numbers		Each		
42	Providing and fixing 25mm (Twenty five millimetres) nominal bore CPVC Finolex, Ashirvad and Vectus pipe (Heavy Grade) tube fitting and clamps including making good the wall, ceiling and floor complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other	350.00 Running metres		Per Running metre		
43	Providing and fixing 25mm (Twenty five millimetres) CPVC Finolex, Ashirvad and VectusTank Nipple complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	60 Numbers		Each		

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1		3	4	5	6	7
44	Providing and fixing 25mm (Twenty five millimetres) CPVC Finolex, Ashirvad and Vectus Elbow complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	60	95.00		Each	
45	Providing and fixing 25mm (Twenty five millimetres) CPVC Finolex, Ashirvad and Vectus Tee complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	40	110.00		Each	
46	Providing and fixing 25mm (Twenty five millimetres) CPVC Finolex, Ashirvad and Vectus Socket complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	60	30.00		Each	
47	Providing and fixing 25mm (Twenty five millimetres) CPVC Finolex, Ashirvad and Vectus Union complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	50	170.00		Each	
48	Providing and fixing 25mm (Twenty five millimetres) brass Male Shocket complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	30	380.00		Each	
49	Providing and fixing 25mm (Twenty five millimetres) brass female Shocket complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	30	380.00		Each	
					TOTAL :-	

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