

**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 **12.10.2023** 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 **11.10.2023** up to **4:00 P.M.** and the application for issue of tender form shall be received on **08.10.2023** 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 Lilly Amtrar Mundla road in District Kangra (HP).(SH:-Construction of 1.00 mtr span RCC span culvert at RD 1/705).	209620/-	4200/-	Three months
2.	Restoration of rain damages on Samloti Sarotari road Km 0/000 to 4/600 in District Kangra (HP) (SH:-Construction of 1.00 mtr span RCC culvert at RD 1/135).	209620/-	4200/-	Three months
3.	Restoration of rain damages on Balugaloa Gheena Khabbal Kholi road Km 0/000 to 7/400 in District Kangra (HP) (SH:-Improvement of road width by providing retaining wall in wire crate work at RD 2/960 to 2/990).	499949/-	10000/-	Three months
4.	Restoration of rain damages on Bane di Hatti to Khapernallah road Km 0/000 to 5/345 in District Kangra (HP) (SH:-Improvement of road width by providing retaining wall in wire crate work at RD 0/985 to 1/000).	310178/-	6210/-	Three months
5.	Construction of various roads under HP PWD Division Tanda at Nagrota Bagwan in Distt Kangra (HP) (SH:-Supply and fixing cautionary reflective sign board etc.)	319000/-	6400/-	One month
6.	Construction of Samloti Sarotari road Km 0/000 to 4/600 in District Kangra (HP) (SH:-Construction of U-shape drain at RD 1/140 to 1/240).	198764/-	4000/-	Two months
7.	Construction of Radh Ustchar Daulatpur road in District Kangra (HP) (SH:-Construction of U shape drain at RD 0/735 to 0/860).	198764/-	4000/-	Two months
8.	Construction of Various roads under HP PWD Division Tanda at Nagrota Bagwan in Distt Kangra (HP) (SH:-Supply and fixing cat eyes etc.)	300800/-	6050/-	One month
9.	Restoration of rain damages on Samloti Sarotari road Km 0/000 to 4/600 in District Kangra (HP) (SH:-Improvement of road width by providing retaining wall at RD 1/925 to 1/933).	178596/-	3600/-	Three months
10.	Restoration of rain damages on Luhna Mangrela Har road in District Kangra (HP) (SH:-Construction of Breast wall at RD 3/415 to 3/430).	144772/-	2900/-	Two months
11.	Construction of link road Rajiana Jhang Surani via Churan in District Kangra (HP) (SH:-Construction of retaining wall at 3/695 to 3/700 and providing and laying cement concrete pavement (M-20) grade at Km 3/700 to 3/770).	271656/-	5450/-	Three months
12.	Restoration of rain damages on Samloti Sarotari road Km 0/000 to 4/600 in District Kangra (HP) (SH:-Construction of Breast wall at RD 1/380 to 1/392. U-shape drain at RD 1/360 to 1/370 & providing and fixing steel grating)	146935/-	2950/-	Two months
13.	Restoration of rain damages on Radh Haldwari road km 0/000 to 4/425 in District Kangra (HP) (SH:-Improvement of road width by providing retaining wall at 2/300 to 2/312).	159265/-	3200/-	Three months
14.	Restoration of rain damages on link road Ustchar Nougza Banjar in District Kangra (HP) (SH:-Improvement of road width by providing retaining wall at 0/035 to 0/050).	199228/-	4000/-	Three months
15.	Restoration of rain damages on Radh Ustchar Daulatpur road in District Kangra (HP) (SH:-Construction of Breast wall at 0/600 to 0/612).	115703/-	2320/-	Three months

E.E.

16.	Special repair to 500 Bedded Hospital at Dr R.P. Govt. Medical College Tanda in Tehsil Nagrota Bagwan in Distt Kangra (HP) (SH:- Dismantling tile, repair of plaster, floor tile, wall tile, etc: WS & SI in children, OBG Ortho Surgical Medicine ward Duct (Part-II)	444273/-	8890/-	Three months
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Terms & Conditions:-)

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

HIMSUCHANA AVAM & JAN SAMPARK

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

(On behalf of Governor of Himachal Pradesh)

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

8965-94

Dated/ 27-9-2023

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- 209620.00
EARNEST MONEY :- 4200.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Lilly Amtrar Mundla road in District Kangra, (H.P.).
SUB-HEAD :- Construction of 1.00 mtr. Span RCC span culvert at RD 1705.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	23.95 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 cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	3.25 Cubic meters			Per Cubic meters	
3	Providing and laying mechanically mixed and vibrated for plain cement concrete in open foundation complete using plain cement concrete grade M-15 (M-Fifteen) 1:2.5:5 (one cement : two point five sand : five graded crushed stone aggregate) design mix with cement contents not less than 275kg (two hundred seventy five kilogramme) per cubic metre in or under water including curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	20.99 Cubic meters			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.18 Cubic metres			Per cubic metre	

5	Providing and laying mechanically mixed and vibrated Reinforced Cement Concrete in super-structure for all type of structure using cement concrete grade M-25 (M-Twenty five) 1:1.5:3 (one cement : one point five sand : three graded crushed stone aggregate) designed mix with cement contents not less than 400 Kgs (Four hundred kilograms) per cubic metre with 20mm (Twenty milimetres) nominal size graded crushed stone aggregate as per drawing and M.O.R.D. technical specification for Rural Roads Clause 800, 1205.4 and 1205.5 including the cost of form work and curing complete but excluding the cost of reinforcement for reinforced concrete work in bed block, dirt wall and deck slab complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.69 Cubic meters		Per cubic metre
6	Providing Tor steel reinforcement of Thermo Mechanically Treated bars of grade Fe-500D of Tata Tiscon/Sail for reinforced cement concrete work including bending, binding, cutting, straightening and placing in position complete including cost of binding wires complete upto all floor levels as per approved specifications, drawing, design, as per entire satisfaction of the Engineer-in-charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	554.65 Kilograms		Per kilo-gram
TOTAL :-				


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- 209620.00
 EARNEST MONEY :- 4200.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Samloti Sarotari road Km 0/000 to 4/600 in District Kangra, (H.P.).
SUB-HEAD :- Construction of 1.00 mtr. Span RCC span culvert at RD 1/135.

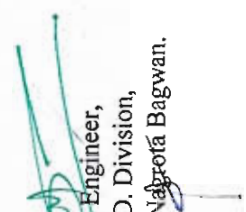
Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	23.95 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 cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	3.25 Cubic meters			Per Cubic meters	
3	Providing and laying mechanically mixed and vibrated for plain cement concrete in open foundation complete using plain cement concrete grade M-15 (M-Fifteen) 1:2.5:5 (one cement : two point five sand : five graded crushed stone aggregate) design mix with cement contents not less than 275kg (two hundred seventy five kilogramme) per cubic metre in or under water including curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	20.99 Cubic meters			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.18 Cubic metres			Per cubic metre	

SCHEDULE OF QUANTITY

ESTIMATED COST :- 499949.00
 EARNEST MONEY :- 10000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Balugaoa Gheena Khabbal Kholi road Km 0/000 to 7/400 in District Kangra, (H.P.).
SUB-HEAD :- Imprpvement of road width by providing Retaining wall in wire crate work at RD 2/960 to 2/990.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and 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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	3 61.20 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:4:8 (One cement; four sand; eight graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	32.40 Cubic meters			Per cubic metre	
3	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion. Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (Ten into twelve) (D=100 mm (One hundred millimetre) with tolerance of ±2%, Zinc+10% Al alloy+PVC coated, Mesh wire diameter 2.7/3.7mm (Two point seven/three point seven millimetre) (ID/OD), mechanically edged/ selvedged with partitions at every 1m interval and shall have minimum 10 (Ten) numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm (Two point two/ three point two millimetre) (ID/OD), supplied @3% (Three percent) by weight of Gabion boxes, filled with boulders with least dimension of 200 mm (Two hundred millimetre), as per drawing, all complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	119.00 Cubic meters			Per cubic metre	
4	Excavation in earth work in all classification of soil for filling in for marshy soil, for the purpose of making embankments, back filling in foundation trances and pipe culverts etcetera as per technical specification Clauses 305.3.9 filling shall be done with approved material in layers not exceeding 150mm (One hundred fifty millimeters) compacted thickness. The compaction shall be done with suitable equipment approved by the Engineer-in-Charge after necessary watering so as to achieve the required density complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	61.10 Cubic meters			Per cubic metre	
TOTAL :-						


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

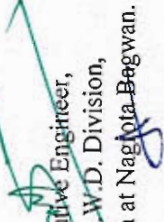
SCHEDULE OF QUANTITY

ESTIMATED COST :- 310178.00
 EARNEST MONEY :- 6210.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Bane di Hatti to Khapernallah road Km 0/000 to 5/345 in District Kangra, (H.P.).
SUB-HEAD :- Imprrvement of road width by providing Retaining wall in wire crate work at RD 0/985 to 1/000.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2 Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	3 39.38 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:4:8 (One cement; four sand; eight graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	22.50 Cubic meters			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter 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 (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	32.50 Running metre			Per Running metre	
4	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014-2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (Ten into twelve) (D=100 mm (One hundred millimetre) with tolerance of ±2%), Zinc+10% Al alloy+PVC coated, Mesh wire diameter 2.7/3.7mm (Two point seven/three point seven millimetre) (ID/OD), mechanically edged/ selvaged with partitions at every 1m interval and shall have minimum 10 (Ten) numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm (Two point two/ three point two millimetre) (ID/OD), supplied @3% (Three percent) by weight of Gabion boxes, filled with boulders with least dimension of 200 mm (Two hundred millimetre), as per drawing, all complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	70.31 Cubic meters			Per cubic metre	

5	Excavation in earth work in all classification of soil for filling in for marshy soil, for the purpose of making embankments, back filling in foundation trances and pipe culverts etcetera as per technical specification Clauses 305.3.9 filling shall be done with approved material in layers not exceeding 150mm (One hundred fifty millimeters) compacted thickness. The compaction shall be done with suitable equipment approved by the Engineer-in-Charge after necessary watering so as to achieve the required density complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	14.40 Cubic meters			Per cubic metre
TOTAL :-					


 Executive Engineer,
 H.P.P.W.D. Division,
 Tanda at Naghola Begwan.

Schedule of Quantity

ESTIMATED COST :- ₹ 319000.00
 EARNEST MONEY :- ₹ 6400.00
 TIME LIMIT :- ONE MONTH

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

SUB HEAD :- Supply and fixing Cautionary reflective sign board etc;

Sr. No	Description of Items	Quantity	In Fig.	Rate		Unit	Amount
					In Words		
1	2 Providing and fixing informatory board of size 750x750mm (Seven hundred fifty into Seven hundred fifty millimetres) nominal size with 3mm thick ACP panel type-II retro reflective sheet with reflective tape of avery dennison 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.	3	4		5	6	
1		55 Number				Each	
TOTAL:-							


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- 198764.00
EARNEST MONEY :- 4000.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of Samloti Sarotari road Km 0/000 to 4/600 in District Kangra, (H.P.).
SUB-HEAD :- Construction of U-Shape Drain at RD 1/140 to 1/240.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and 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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3 67.50 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	39.38 Cubic meters			Per Cubic meters	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST:- 198764.00
 EARNEST MONEY :- 4000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Radh Ustchar Daulatpur road in District Kangra, (H.P.).
SUB-HEAD :- Construction of U-Shape Drain at RD 0/735 to 0/860.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and 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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3 67.50 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	39.38 Cubic meters			Per Cubic meters	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- ₹ 300800.00
 EARNEST MONEY :- ₹ 6050.00
 TIME LIMIT :- ONE MONTH

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

SUB HEAD :- Supply and fixing Cat Eyes etc;

Sr. No	Description of items	Quantity	Rate		Unit	Amount
			In Fig.	In Words		
1	2	3	4		5	6
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/Yellow or equivalent complete including carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	1280 Numbers			Each	
TOTAL :-						


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

DRAFT SCHEDULE OF QUANTITY

ESTIMATED COST :- 178596.00
EARNEST MONEY :- 3600.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Samloti Sarotari road Km 0/000 to 4/600 in District Kangra, (H.P.).
SUB-HEAD :- Improvement of road width by providing Retaining wall at 1/925 to 1/933.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	18.05 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 cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	42.36 Cubic metres			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter 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 (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	29.04 Running metre			Per Running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	13.15 Cubic metres			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 144772.00
 EARNEST MONEY: - Rs. 2900.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Luhna Mangrela Har road in District Kangra, (H.P.).
SUB-HEAD :- Construction of Breast wall at 3/415 to 3/430.

Sr.No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and 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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3 16.74 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	36.29 Cubic metres			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter 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 (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	23.92 Running metre			Per Running metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST:- 271656.00
 EARNEST MONEY :- 5450.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road Rajiana Jhang Surani via Churan in District Kangra, (H.P.).

SUB-HEAD :- Construction of Retaining wall at 3/695 to 3/700 and providing and laying cement concrete pavement (M-20) grade at Km 3/700 to 3/770.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	5.85 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 cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	12.49 Cubic metres			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter 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 (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.85 Running metre			Per Running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	4.68 Cubic metres			Per cubic metre	

5	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimeters) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	16.54 Cubic metres			Per Cubic metres
6	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	33.08 Cubic metres			Per cubic metre
TOTAL :-					


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- 146935.00
 EARNEST MONEY :- 2950.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Samloti Sarotari road Km 0/000 to 4/600 in District Kangra, (H.P.).
SUB-HEAD :- Construction of Breast wall at RD 1/380 to 1/392, U-Shape Drain at RD 1/360 to 1/370 & Providing and fixing steel grating.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and 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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3 18.79 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	3.15 Cubic meters			Per Cubic meters	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	29.04 Cubic metres			Per cubic metre	
4	Providing and fixing 100 mm (One hundred millimetres) diameter 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 (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	18.40 Running metre			Per Running metre	

5	Structural steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	145.08	Per kilo-gram
		Kilograms	
			TOTAL :-


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- 159265.00
 EARNEST MONEY :- 3200.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Radh Haldwari road Km 0/000 to 4/425 in District Kangra, (H.P.).
SUB-HEAD :- Improvement of road width by providing Retaining wall at 2/300 to 2/312.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and 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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3 20.02 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including earriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	37.85 Cubic metres			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter 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 (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including earriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	20.00 Running metre			Per Running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, complete including earriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	11.09 Cubic metres			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 199228.00
 EARNEST MONEY :- Rs. 4000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on link road Ustehar Nougza Behra Banjar in District Kangra, (H.P.).
SUB-HEAD :- Improvement of road width by providing Retaining wall at 0/035 to 0/050.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and 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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	25.02 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	47.31 Cubic metres			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter 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 (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	26.00 Running metre			Per Running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	13.86 Cubic metres			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- 115703.00
 EARNEST MONEY :- 2320.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Radh Ustehar Daulatpur road in District Kangra, (H.P.).
SUB-HEAD :- Construction of Breast wall at 0/600 to 0/612.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	13.30 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 cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	29.04 Cubic metres			Per cubic metre	
3	Providing and fixing 100 mm (One hundred millimetres) diameter 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 (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	18.40 Running metre			Per Running metre	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST:- Rs. 444273.00
 EARNEST MONEY :- Rs. 8890.00
 TIME LIMIT : THREE MONTHS

Name of Work:- Special Repair to 500 Bedded Hospital at Dr. R.P. Govt. Medical College Tanda in Tehsil Nagrota Bagwan, Distt. Kangra (H.P.)
 Sub Head:-Dismantling tile , Repair of plaster , Floor Tile, wall tile, , Etc.W.S & S.I.in Children ,OBG, Ortho,Surgical,Medicine ward Duct. (PART-II)

Sr. No	Description Of Item	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.41			Per Cubic metre	
2	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead 75 to 80 mm dia pipe complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	27.50			Per Running metre	
3	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete With cement mortar 1:4 (1 cement : 4 fine sand) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	63.75			Per Square metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals	1.30			Per Cubic metre	
5	Providing and laying Vitrified tiles in floor with / Nitco/ Raki/ Sempolo/ Kajaria of different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals	7.35			Per Square metre	
6	Providing and laying Vitrified tiles in / Nitco/ Raki/ Sempolo/ Kajaria different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals	3.12			Per Square metre	
7	Providing and fixing anodised / colour coated aluminium work for door (External door NO 14081 Size 127 x 44.45 x 3.19mm) , window, ventilators and partitions frame with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawlplugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth rustfree, straight, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws. All complete as per architectural drawings and the directions of Engineer-In-Charge. For doors windows, ventilators and glazed partitions frames.For shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittingswhere ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	35.60			Per Kilograms	

8	Providing and fixing anodised / colour coated aluminium work for door , window, ventilators and partitions shutter with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawplugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth rustfree, straight, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws. All complete as per architectural drawings and the directions of Engineer-In-Charge. For doors windows, ventilators and glazed partitions frames.For shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	36.40 Kilograms		Per Kilogram
9	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.			
i	300x16mm size (Three hundred into sixteen millimetres)nominal size	5.00 Numbers		Each
ii	250x16mm(Two hundred fifty into sixteen millimetres) nominal size	5.00 Numbers		Each
10	Providing and fixing anodized aluminium towe bolt (Barrel type) anodized transparent or dyed to required colour and shade with necessary screws etc. complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.			
i	250x10mm (Two hundred fifty into ten millimetres)nominal size	5.00 Numbers		Each
ii	200x10mm (Two hundred into ten millimetres)nominal size	5.00 Numbers		Each
11	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.			
i	125mm (One hundred twenty five millimetres) nominal size	5.00 Numbers		Each
ii	100mm (One hundred millimetres) nominal size	5.00 Numbers		Each
12	Providing and fixing door hinges complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6.00 Numbers		Each
13	P/F 12mm mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	3.10 Square metres		Per Square metre
14	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 3.5 mm (three epoint five millimetre) thickness (weight not less than 12.50 kg/ sqm) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	1.40 Square metres		Per Square metre

15	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	640.10 Kilograms		Per kilogram
16	Providing and fixing 6mm (Six millimetre) thick plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	130.40 Square metres		Per Square metre
17	Providing and laying 15 to 20 mm (fifteen to twenty millimeters) thick granite stone in flooring 20 mm(Fifteen to Twenty millimeters) (average) thickness base of cement mortar 1:3 (One cement : Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete.. all complete as specified and as directed by the Engineer-in-Charge Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	0.40 Square metres		Per Square metre
18	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level) in cement mortar 1:6 (1 cement : 6 coarse sand) With F.P.S.(non modular) bricks complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	0.30 Cubic metres		Per cubic metre
19	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 complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.			
i	100mm dia pipes	34.40 Running metres		Per running metre
ii	150mm dia pipes	154.10 Running metres		Per running metre
20	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 complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.			
i	single tee	15.00 Numbers		Each
ii	bend	15.00 Numbers		Each
21	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	140.15 Square metres		Per Square metre
22	Painting two coats (excluding priming coat) on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all dirt, dust and other foreign matter, sand papering and stopping:- With paint other than white complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	74.50 Square metres		Per Square metre
23	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	74.50 Square metres		Per Square metre

24	Wall painting (Two coat) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly bushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for marking the surface complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	74.50	Square metres	Per Square metre	
	W.S. & S.I.				
25	Providing to wall ceiling and floor galvanized mild steel tubes (heavy grade) tube fitting and clamp including making good the wall, ceiling and floor complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.				
i	15mm nominal bore	75.00	Running metres	Per running metre	
ii	20mm nominal bore	60.20	Running metres	Per running metre	
ii	25mm nominal bore	5.00	Running metres	Per running metre	
26	Providing and fixing 550x400mm (Five thousand fifty into four hundred millimetre) size vitreous China wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and marking good the same but excluding fittings complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6.00	Numbers	Each	
27	Providing and fixing 580x440 mm (Five hundred eighty into four hundred forty millimetre) white vitreous china water closet squatting pan (Indian type) Orissa pattern W.C. pan of size complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2.00	Numbers	Each	
28	Providing and fixing 100mm size 'P' or 'S' trap for water closet (squatting pan) including joining the trap with the pan and soil pipe in cement mortar 1:1 (1 cement : 1 sand) Sand cast iron complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.00	Numbers	Each	
29	Providing solid plastic seat cover with lid for pedestal type W.C. pan complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6.00	Numbers	Each	
30	Providing 100mm sand cast iron grating for gully, floor or Nahni trap complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	20.00	Numbers	Each	
31	Providing 32mm dia C.P. brass waste pipe for wash basin or sink complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	10.00	Numbers	Each	
32	Providing 32mm dia M.I. Union for wash basin or sink complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	14.00	Numbers	Each	
33	Providing 600 x 450mm (Six hundred into Four hundred fifty millimetre) bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.00	Numbers	Each	
34	Providing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with CP brass screws complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6.00	Numbers	Each	
35	Providing 15mm (Fifteen millimetres) diameters long nose brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	4.00	Numbers	Each	

36	Providing 15mm (Fifteen millimetres) dia long body brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete and as per direction of Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals.	4.00	Numbers	Each
37	Providing C.P. brass bib tap with capstan head (Heavy duty) Cera, Jaquar and Hindware complete and as per direction of Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals.			
i	15mm (Fifteen millimetres) nominal bore	4.00	Numbers	Each
ii	20mm (Twenty millimetres) nominal bore	4.00	Numbers	Each
38	Providing C.P. brass angle valve 15mm without nuts and pipes complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	8.00	Numbers	Each
39	Providing 15mm nominal bore PVC connection with brass unions. 300/450mm length: complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	10.00	Numbers	Each
40	Providing and fixing P.V.C. low level flushing eistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity - White, complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6.00	Numbers	Each
41	Providing Chromium plated jet spray of approved quality and colour with one metre tube complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	8.00	Numbers	Each
42	Providing and fixing vitreous china wash down water closet (European type W.C. Pan) Hind-ware, cera, parry, ware or equivalent make including jet pressure with integral 'p' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement: one sand) seat and cover to be measured and paid for separately) Angle Indian Universal closet complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.00	Numbers	Each
43	Providing and fixing 600mm x 120mm glass shelf C.P. Brass bracket and guard rail complete, fixed to wooden plugs with C.P. Brass screws complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	10.00	Numbers	Each
44	Providing and fixing PTMT pillar cock Hind-ware, cera fancy of approved quality and colour 15 complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.00	Numbers	Each
45	Providing 600mm x 20mm (Six hundred into twenty millimetre) nominal size C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws: complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	6.00	Numbers	Each
46	Providing brass full way valve with wheel complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.			
i	15mm (Fifteen millimetre)	4.00	Numbers	Each
ii	20mm (Fifteen millimetre)	4.00	Numbers	Each
Total:-				


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