

**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 **10.05.2023** 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 **09.05.2023** up to **4:00 P.M.** and the application for issue of tender form shall be received on **08.05.2023** 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	Repair of road along NH-154 at Hatwas in District Kangra, (HP) Deposit work (SH:-Providing and laying cement concrete pavement and construction of road side drain at RD 0/000 to 0/100).	365382/-	4150/-	Two months
2	Restoration of rain damages on link road from Massal to Parnar Basti in District Kangra (HP) (Deposit work) (SH:-Construction of retaining wall at Rd 1/050 to 1/075).	410209/-	8250/-	Three months
3	Restoration of rain damages on Chahri to Khatrehar road Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of 1.00 mtr span RCC slab culvert at RDs 0/120 to 0/750).	351325/-	7050/-	Two months
4	Repair of road along NH-154 at Hatwas in District Kangra (HP) (Deposit work (SH:-Providing and laying cement concrete pavement and construction of road side drain at Rd 0/100 to 0/200).	365382/-	4150/-	Two months
5	Providing new 10/11 KV Solar line/Panel at Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and installation of Solar Panel) (DC deposit)	499000/-	10000/-	Three months
6	Construction of Baroh Chowk, Jandrah, Tikka Talli, Khundiyan, Mahliyan road Km 0/000 to 5/000 in Distt Kangra (HP) MDR-93)(SH:-Construction of retaining wall at RD 3/260 to 3/266, Breast wall at RD 3/330 to 3/345 and construction of Edge wall with U-shape drain RD 3/270 to 3/300).	423288/-	8500/-	Three months
7.	Construction of link road to village Chanatu in G.P. Saroot in District Kangra (HP) (SH:-Removal of formation deficiencies at RD 0/000 to 0/210 and providing and laying cement concrete pavement at RD 0/000 to 0/065).	249985/-	5000/-	Three months
8.	Restoration of rain damages on Radh Panjlehar Dhar road in Distt Kangra (HP) Deposit work (SH:-Construction of retaining wall at Rd 2/380 to 2/390).	179369/-	3600/-	Three months
9.	Construction of link road Naryalkar to Kalru in G.P. Bushal in Distt Kangra (HP) (SH:-Formation cuts in Km 0/000 to 1/000).	249026/-	5000/-	One month
10.	Restoration of rain damages on link road ITI Sarotri to Aprehar in District Kangra (HP) Deposit work (SH:-Construction of retaining wall at RD 1/750 to 1/760).	230672/-	4100/-	Three months
11.	Restoration of rain damages on link road from Massal to Sakra Basti in Distt Kangra (HP) (Deposit work) (SH:-Construction of retaining wall)	300073/-	6000/-	Three months
12.	Construction of link road to Nai Basti in G.P. Balugloa in Tehsil Baroh Distt Kangra (HP) (SH:-Improvement of road with by providing retaining wall at RD 0/060 to 0/070 and C/o RCC Hume pipe culvert 900mm dia at RD 0/090).	250971/-	5050/-	Two months
13.	Restoration of rain damages on Lilly Amtrar Mundla road in Distt Kangra (HP) Deposit work (SH:-Construction of 1.00 mtrs span RCC culvert at RD 2/700).	203746/-	4100/-	Three months
14.	Special repair to 500 Bedded Hospital in Dr RPGMC at Tanda in Distt Kangra (HP) (SH:-Painting and Distempering in 4 th floor ICU, Doctor waiting area & corridor etc.)	297515/-	5950/-	Two months
15.	Special repair to Residential Building at Dr R.P. Govt. Medical College Tanda in Distt Kangra (HP) (SH:-Balance work of providing and fixing aluminium work, granite stone, floor tile, WS & SI etc in Old Type-IV TBS Qtrs)	339487/-	6800/-	Two months

16.	Special repair to TB Sanatorium at Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Dismantling tile, repair of plaster, wall tile, aluminium work, wall tile, paver block and painting etc; and painting etc in Back side of TB Sanatorium (Part-I)	294574/-	6000/-	Two months
17.	Special repair to Residential Building at Dr RPGMC Tanda Distt Kangra (HP) (SH:-Providing and fixing steel work & painting and Distempering etc in Old Type-III Block 6 Qtr o 1 to 8).	499318/-	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

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- **1074-1103**

Dated/ **28-4-2023**

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 :-	Rs. 365382.00
EARNEST MONEY :-	Rs. 4150.00
TIME LIMIT :	TWO MONTHS

NAME OF WORK :-

Repair of road along NH-154 at Hatwas in District Kangra, (H.P.). Deposit Work

SUB-HEAD :-

Providing and laying cement concrete pavement and Construction of road side Drain at RD 0/000 to 0/100.

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.	14.25 Cubic metres			Per cubic metre	
2	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	7.50 Cubic metres			Per Cubic metres	
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 1:2:4 (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.	20.15 Cubic metres			Per cubic metre	

4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering -	15.23			
	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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	Cubic metres			Per cubic metre
5	Providing and laying 80mm (Eighty millimetre) thick cement concrete paver block of M-30 grade with approved colour, design & pattern factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in- Charge complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	100.00			Per square metre
		Square metres			
6	Providing and fixing precast RCC kerb stone of size 20x27x40cm (Twenty into twenty seven into forty centimetre) in RCC 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size and curing complete all as per direction of Engineer-in- Charge complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	250.00			Per Cubic metres
		Numbers			
TOTAL :-					

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

SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 410209.00
EARNEST MONEY :- Rs. 8250.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of Rain damages on link road from Massal to Parmar Basti in District Kangra, (H.P.). **Deposit Work**
SUB-HEAD :- Construction of Retaining wall at RD 1/050 to 1/075.

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 ranning of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within 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.	18.28			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.	102.21			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.	78.15			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.	12.15			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST: - ₹ 351325.00
EARNEST MONEY: - ₹ 7050.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Chahri to Khatrehar road Km 0/0 to 2/0 in Distt. Kangra (H.P.)
SUB-HEAD :- Construction of 1.00 mtr span RCC slab culvert at RDs 0/120 & 0/750

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	3 52.65 Cubic meters	4	5	6 Per cubic metre	7
2	Providing and laying concrete for plain/reinforced concrete 1:3:6 (One cement: three sand: Six graded broken/crushed stone aggregate 20mm(Twenty millimeters) nominal size including the cost of centering and shuttering in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 and 1203 PCC grade M-10 (M-ten) as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2.84 Cubic metres			Per cubic metre	
3	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-Twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HP/PWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	25.41 Cubic meters			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering in /plain/reinforced cement concrete 1:1.5:3 (One cement: One and Half sand: Three graded/crushed stone aggregate) 20mm (Twenty millimetres) nominal size complete as per drawing and HP/PWD technical specifications and as directed by Engineer-In-charge including carriage of material	4.22 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 Hot rolled deformed bars complete as per drawing and HP/PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	524.80 Kilogram			Per kilo gram	
6	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement: Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal size as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	3.15 Cubic metres			Per cubic metre	
7	Structural steel work 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 entire carriage of materials within all leads, lifts and other incidentals.	820.77 Kilogram			Per Kilo-gram	
TOTAL :-						

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


SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 365382.00
EARNEST MONEY :- Rs. 4150.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Repair of road along NH-154 at Hatwas in District Kangra, (H.P.). Deposit Work
SUB-HEAD :- Providing and laying cement concrete pavement and Construction of road side Drain at RD 0/100 to 0/200.

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.	14.25 Cubic metres			Per cubic metre	
2	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	7.50 Cubic metres			Per Cubic metres	
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 1:2:4 (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.	20.15 Cubic metres			Per cubic metre	

4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	15.23			
		Cubic metres			Per cubic metre
5	Providing and laying 80mm (Eighty millimetre) thick cement concrete paver block of M-30 grade with approved colour, design & pattern factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in- Charge complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	100.00			Per square metre
		Square metres			
6	Providing and fixing precast RCC kerb stone of size 20x27x40cm (Twenty into twenty seven into forty centimetre) in RCC 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size and curing complete all as per direction of Engineer-in- Charge complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	250.00			Per Cubic metres
		Numbers			
TOTAL :-					


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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499000.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Providing New 10/11 KV Solar line/ Pannel at Nagrota Bagwan in Distr. Kangra (H.P.)
 SUB-HEAD :- Providing and installation of Solar Pannel (DC Deposit).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and installation of Solar Inverter on Grid 10KW Sine Wave of poly/UTL with 5 years warranty, Solar Panel 330 Watt of Lubi /Waaree with 25 years warranty, Module Mounting Structure (GI) pre galvanised as per MNRE standard, DC wires 4 Sq mm (Four square metres) of KEI/Polycab, AC wire (6 sq mm) (Six square metre) of Polycab, Surge protection of Citel, Earthing Kit of Gel Earthing & Chemical Bag Bi-Directinal solar Meter of NT/Secure, ACDB & DCDB as per standard complete with necessary fitting as per direction of the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	10.00 Kilowatt			Per kilowatt	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST:- 423288.00
EARNEST MONEY :- 8500.00

TIME LIMIT : THREE MONTHS

NAME OF WORK :-


Construction of Baroh Chowk, Jandrah, Tikka Talli, Khundiyan, Nahliyan road Km 0/000 to 5/000 in District Kangra, (H.P.). (MDR-93)

SUB-HEAD :-

Construction of Retaining wall at RD 3/260 to 3/266, Breast wall at RD 3/330 to 3/345 and Construction of Edge wall with U-shape drain at RD 3/270 to 3/300.

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.	64.71 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.	72.87 Cubic metres			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 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. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	27.00 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	48.50 Running metre			Per Running metre	

5	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.	8.78 Cubic metres			Per cubic metre	
TOTAL :-						


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

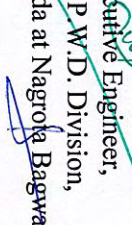
SCHEDULE OF QUANTITY

NAME OF WORK :- Construction of link road to village Chanatu in G.P. Saroot in District Kangra, (H.P.).
SUB-HEAD :- Removal of formation deficiencies at RD 0/000 to 0/210 and Providing and laying Cement Concrete Pavement at RD 0/000 to 0/065

ESTIMATED COST :- 249985.00
EARNEST MONEY :- 5000.00
TIME LIMIT : THREE MONTHS

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chiseling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, cutting and trimming of side slopes and level as shown in the drawing and as directed by engineer-in-charge at site according to the MORD technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Recovery of stone to the tune of 12.30 Cum (Twelve point Thirty) cubic metres quantity at the rate of 300/- (Three Hundred) per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. Any loss to the public, private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be compensated by him in all cases.	330.75			Per Cubic metres	
2	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	14.15			Per Cubic metres	

3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering -	29.96				
	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.	Cubic metres				
TOTAL :-						


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

SCHEDULE OF QUANTITY

NAME OF WORK :-
SUB-HEAD :-

Restoration of rain damages on Radh Panjlehar Dhar road in District Kangra, (H.P.).
Construction of Retaining wall at RD 2/380 to 2/390.

ESTIMATED COST :- 179369.00
EARNEST MONEY :- 3600.00
TIME LIMIT : THREE MONTHS

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.	17.75 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.	42.59 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.	27.60 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.	14.64 Cubic metres			Per cubic metre	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST:- ₹ 249026.00
 EARNEST MONEY :- ₹ 5000.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK :- Construction of link road Naryalkar to Kalru in G.P. Bushal in Distt Kangra (HP)
 SUB-HEAD :- Formation cutting in Km 0/000 to 1/000

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chiseling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, cutting and trimming of side slopes and level as shown in the drawing and as directed by engineer-in-charge at site according to the MORD technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Recovery of stone to the tune of <u>30.28 Cum (Thirty point Twenty Eight)</u> cubic metres quantity at the rate of <u>300/- (Three Hundred)</u> per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. Any loss to the public, private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be compensated by him in all cases.	1550.60 Cubic meters			Per cubic metre	


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

SCHEDULE OF QUANTITY

NAME OF WORK :- Restoration of rain damages on link road ITI Sarotri to Aprehar in District Kangra, (H.P.). Deposit Work
SUB-HEAD :- Construction of Retaining wall at RD 1/750 to 1/760.

ESTIMATED COST :- 203672.00
EARNEST MONEY :- 4100.00
TIME LIMIT : THREE MONTHS

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 ranning of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within 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.	26.32 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.	49.75 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 joining 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.	29.76 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.	8.04 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST :- ₹ 300073.00
EARNEST MONEY :- ₹ 6000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Massal to Sakra Basti in Distt. Kangra (H.P.) *(Deputed work)*
SUB-HEAD :- Construction of Retaining wall

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	15.75 Cubic meters	4	5	Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	74.80 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	41.50 Running metres			Each	
4	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	11.15 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

NAME OF WORK :-

Construction of link road to Nai Basti in G.P. Balugloa in Tehsil Baroh, Distt. Kangra (H.P.)


SUB-HEAD :-

Improvement of road width by providing Retaining wall at RD 0/060 to 0/070 and C/o RCC Hume Pipe culvert 900 mm dia at RD 0/090.

ESTIMATED COST :- ₹ 250971.00
EARNEST MONEY :- ₹ 5050.00
TIME LIMIT : TWO MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	45.13 Cubic metres	4	5	Per cubic metre	7
2	Providing and laying concrete for plain/reinforced concrete 1:3:6 (One cement: three sand: Six graded broken/crushed stone aggregate 20mm(Twenty millimeters) nominal size including the cost of centering and shuttering in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 and 1203 PCC grade M-10 (M-ten) as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	2.80 Cubic metres			Per cubic metre	
3	Providing concrete for plain/reinforced concrete in open foundations including the cost of centering and shuttering complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 in 1:2.5:5 (One cement : Two and half sand : five graded) broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size PCC grade M-15 (M-Fifteen), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	12.16 Cubic metres			Per cubic metre	
4	Providing and laying non-pressure NP2 class R.C.C. hume pipes 900mm (Nine hundred millimetre) dia with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc; complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	5.00 Running metre			Per running metre	
5	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering 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.	4.15 Cubic metres			Per cubic metre	
6	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (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.	31.54 Cubic metres			Per cubic metre	

7	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	16.00 Running metres			Per running metre	
8	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	11.04 Cubic metres			Per cubic metre	
TOTAL :-						


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

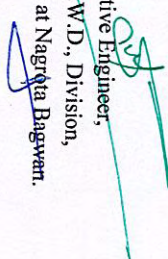
Schedule of Quantity

NAME OF WORK : Restoration of rain damages on Lilly Antrar Mundla road in Dist. Kangra (H.P.). **DEPOSIT WORK**
SUB HEAD *Construction of 1.00 mtrs span RCC culvert at RD 2/700*

ESTIMATED COST:- ₹ 203746.00
EARNEST MONEY :- ₹ 4100.00
TIME LIMIT : THREE MONTHS

S. No.	Description of items	Qty	Rate		Unit	Amount
			In fig	In words		
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50m (fifty meters), dressing of sides and bottom and backfilling in trenches with excavated suitable material including entire carriage of materials within all leads, lifts and other incidentals..	3 25.49 Cubic metres	4	5	6 Per cubic metre	7
2	Providing concrete for plain/reinforced concrete in substructure complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 in 1:2.5:5 (One cement : Two and half sand : five graded) broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size PCC grade M-15 (M-Fifteen), as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	8.90 Cubic metres			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	12.87 Cubic metres			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal size as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	3.15 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) 40mm (Forty millimetres) thickness in beams and deck slab as per HRPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads and lifts and other incidentals.	6.15 Cubic metres			Per cubic metre	
6	Providing Tor steel reinforcement for reinforced cement concrete work including bending, binding, straightening and placing in position complete including cost of binding wires complete and other incidentals due for its completion for all floors and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals .	515.50 Kilo-grams			Per kilo-gram	

7	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	20.50	Running metres			Per running metre	
8	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	4.15	Cubic metres			Per cubic metre	
TOTAL :-							


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

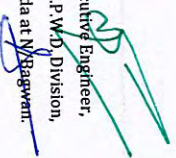
SCHEDULE OF QUANTITY

ESTIMATED COST: - RS. 297515.00
 EARNEST MONEY: - RS. 5950.00
 TIME LIMIT : TWO MONTH

NAME OF WORK :- Special Repair to 500 Bedded Hospital in Dr. R.P.G.M.C at Tanda in Distt. Kangra (H.P)

SUB-HEAD :- (Painting and Disempering in 4th floor ICU, Doctor Rooms Waiting Area & Corridor etc).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	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- Incharge, including carriage of materials within all leads, lifts and other incidentals	1810.10 Square metres			Per square metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	1810.10 Square metres			Per square metre	
3	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer Incharge including carriage of materials within all leads, lifts and other incidentals.	1410.70 Square metres			Per square metre	
4	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 with paint other then white as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals	1330.80 Square metres			Per square metre.	
5	Supplying and fixing 4mm (Four millimetres) thick Plain Glass panes with putty and nails including removal of broken glass panes wherever necessary as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	15.20 Square metres			Per square metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

NAME OF WORK :- Special Repair to Residential Building at Dr. R.P. Govt. Medical College Tanda in Distt. Kangra (H.P.)


SUB-HEAD :- Balance work of providing and fixing aluminium work, granite stone, floor tile, W.S. & S.I. etc. in Old Type-I/TBS Qtr.

ESTIMATED COST :- ₹ 339487.00
EARNEST MONEY :- ₹ 6800.00
TIME LIMIT : TWO MONTHS

S.No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and fixing aluminium anodised /colour coated work for door, windows, ventilators and partitions 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 rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/Neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mited and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ paneling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	60.00 Kilograms			Per kilo-gram	
2	Providing and fixing aluminium anodised /colour coated work for door, windows, ventilators and partitions 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 rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/Neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mited and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ paneling C.P. brass/stainless steel screws 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/paneling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	70.00 Kilograms			Per kilo-gram	
3	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). all complete as per architectural drawings and as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	17.39 Square metres			Per square metre	
4	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.					
i	15 mm (Fifteen millimetres) dia nominal bore	46.00 Running metres			Per Running metre	
ii	20 mm (Twenty millimetres) dia nominal bore	14.40 Running metres			Per Running metre	
iii	25 mm (Twenty five millimetres) dia nominal bore	8.10 Running metres			Per Running metre	

5	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.	8 Numbers			Each	
6	Repairs to plaster of thickness 12mm (Twelve millimetres) to 20 mm (Twenty millimetres) in patches of area 2.5 (Two point five) sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-In-Charge with cement mortar 1:4 (1 cement : 4 fine sand) complete and as per direction of Engineer-In-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	75.00 Square metres			Per Square metre	
7	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 and as per direction of Engineer-In-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	75.00 Square metres			Per Square metre	
8	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 lit/10 sqm (One point sixty seven litres/ten square metres) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) (Two point twenty kilograms/ten square metres) complete as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.	75.00 Square metres			Per Square metre	
9	Providing and laying 15 to 20mm (Fifteen to Twenty millimeters) thick granite stone in flooring 20mm (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 single/double layers complete as per direction Engineer-In-Charge including carriage of material within all leads, lifts and other incidentals.	7.10 Square metres			Per Square metre	
10	Providing and fixing M.S. BP Sheet 1.66mm to 2mm (One point sixty six millimeters to two millimeters) thick in eaves board/facets/sofits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) complete as per direction Engineer-In-Charge including carriage of material within all leads, lifts and other incidentals.	13.20 Square metres			Per Square metre	
11	Making plinth protection 50mm (Fifty millimeters) thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (Zone - III) : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm (Forty millimeters) nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth complete as per direction Engineer-In-Charge including carriage of material within all leads, lifts and other incidentals.	20.10 Square metres			Per square metre	
12	Providing and laying 600x600 mm (Six hundred into si hundred millimetres) of size Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (Zero point eight percent) and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete as directed by the Engineer-In-Charge including carriage of materials, within all leads, lifts and other incidentals.	36.00 Square metres			Per Square metre	
13	Providing and fixing 6 mm (Six millimetres) thick plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) complete and as per direction of Engineer-In-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	18.00 Square metres			Per Square metre	
14	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm (Twenty millimeters) nominal size complete and as per direction of Engineer-In-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	3.40 Cubic metres			Per Cubic metre	

15	Providing and laying 60mm (Sixty millimetres) thick factory made cement interlocking paver block of M -30 (M-Thirty) grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm (Fifty millimetres) thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	34.00 Square metres			Per Square metre	
16	Providing and fixing 12mm (Twelve millimetres) thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	8.10 Square metres			Per square metre	
TOTAL :-						


 Executive Engineer
 HP PWD Division
 Tanda at N. Bagawan.

SCHEDULE OF QUANTITY

NAME OF WORK :- Special repair to TB Sanatorium at Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)
SUB-HEAD :- *Dismantling tile, repair of plaster, wall tile, aluminium work, wall tile, paver block and painting etc. in Back side of TB Sanatorium (Part-I)*

ESTIMATED COST :- 294574.00
EARNEST MONEY :- 6000.00
TIME LIMIT :- TWO MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Earth work in surface excavation work by mechanical means (Hydraulic excavator)/ manual means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm (Thirty centimetres) in depth, 1.5 m (one point five metres) in width as well as 10 sqm (Ten square metres) on plan) including getting out and disposal of excavated earth lead upto 50 m (fifty metres) and lift upto 1.5 m (one point five metres) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	3	4	5	6	7
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 40 mm (Forty millimetres) nominal size) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	10.50			Per Cubic metre	
3	Repairs to plaster of thickness 12 mm to 20 mm (Twelve millimetres to twenty millimetres) in patches of area 2.5 sq.meters (Two point five square metres) and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground with cement mortar 1:4 (1 cement : 4 fine sand) complete as directed by the Engineer-In-Charge including carriage of materials within all leads, lifts and other incidentals.	56.00			Per Square metre	
4 (i)	Providing and fixing aluminium work for anodized/ colour coated doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitted and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) For doors windows and ventilators and glazed partitions frames complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other	32.40			Per Kilogram	
(ii)	Providing and fixing aluminium work for anodized/ colour coated doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitted and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating 50 micron) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other	35.10			Per Kilogram	
5	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 5 mm (Five millimetres) thickness (weight not less than 12.50 (Twelve point fifty) kg/ sqm) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	12.32			Per Square metres	
6	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm (One point four millimetres) in both directions with wire of dia 0.63 mm (Zero point sixty three millimetres) all complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals..	1.15			Per Square metres	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
7	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	3				
i	300x10mm (Three hundred into ten millimetres)	5			Each	
ii	250x10mm (Two hundred fifty into ten millimetres)	Numbers 5			Each	
8	Providing and fixing anodized aluminium tower bolts (barrel type anodized transparent or dyed to required shade and colour with screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
i	200x10mm (Two hundred into ten millimetres)	3			Each	
ii	250x10mm (Two hundred fifty into ten millimetres)	Numbers 4			Each	
9	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
i	125mm (One hundred twenty five millimetres)	6			Each	
ii	100 mm (One hundred millimetres)	Numbers 5			Each	
10	Providing and fixing 100mm (One hundred millimetres) bright finished brass floor door stopper with rubber cushion screws etc. to suit shutter thickness complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2			Each	
12	Brick work using second class common burnt clay building bricks in Super-structure above plinth level up to floor two level in cement mortar 1:6 (1 cement: 6 sand) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	3.03			Per Cubic metre	
13	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	158.02			Per Kilogram	
14	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 grailings, frames, guard bar, ladder, railings, brackets, gates and similar works complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	21.00			Per Kilogram	
15	Providing corrugated G.I sheet roofing fixed with galvanised iron J or L hooks bolts and nuts 8 mm (Eight millimetres) diameter with bitumen and G.I. linpet washers filled with white lead complete excluding the cost of putins rafters and trusses 0.80 mm (Zero point eight zero millimetres) thick sheet complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	24.50			Per Square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
16	Providing and laying 60mm (Sixty millimetres) thick factory made cement concrete interlocking paver block of M-30 (M-Thirty) grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm (Fifty millimetres) thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge, complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	39.90 Square metres			Per Square metre	
17	Providing and laying 300x450 mm (Three hundred into four hundred fifty millimetres) Size of Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (Zero point zero eight percent) and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm (Six millimetres) thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	34.20 Square metres			Per Square metre	
18	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	116.25 Square metres			Per Square metre	
19	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 and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	17.44 Square metres			Per Square metre	
20	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 litr/10 sqm (One point sixty seven litres/ten square metres) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) (Two point twenty kilograms/ten square metres) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	155.70 Square metres			Per Square metre	
21	Providing two coats (excluding priming coat) on steel 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, sand papering and stopping with paint other than white complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	122.50 Square metres			Per Square metre	
22	Removing old paint from steel and other metal surface & making the surface even with paint remover of approved brand and manufacture complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	143.50 Square metres			Per Square metre	
23	Applying moderate solution on new G.I sheet for preparation of surface for painting @ 5 litres/100 sqm. (Five litres/one hundred square metre) of surface and rubbing the solution with brush including thoroughly cleaning the surface of all oil grease dirt and other foreign matter complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	122.50 Square metres			Per Square metre	
TOTAL :-						

Executive Engineer,
HP PWD Division,
Tandlajal N/Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST : - **Rs. 499318.00**
 EARNEST MONEY : - **Rs. 10000.00**
 TIME LIMIT : **THREE MONTH**

NAME OF WORK :- Special Repair to Residential Building at Dr.R.P.G.M.C. TANDA, Dist Kangra H.P.
SUB-HEAD :- *Providing & Fixing steel work & Painting and Distempering Etc.in Old Type -III Block -6 Qtr, no. 1 to 8.*

S.No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	1	3	4	5	6	7
1	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	98.60 Kilograms			Per kilo-gram	
2	Providing and fixing 40mm (Forty millimetres) thick 2nd class deodar wood wire gauge shutters using galvanised M.S. wire gauge of IS gauge designation 85G with wire of dia 0.56mm for doors, windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws complete as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	2.87 Square metres			Per square metre	
3	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 carriage of materials within all leads, lifts and other incidentals	3642.640 Square metres			Per square metre	
4	Applying Birta white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	1483.40 Square metres			Per square metre	
5	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	3185.90 Square metres			Per square metre	
6	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 with paint other then white as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals	1048.19 Square metres			Per square metre.	
7	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or equivalent Asian paints of Nerolac on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	849.92 Square metres			Per square metre	
TOTAL :-						


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