

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

***** Notice Inviting Tender *****

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 **30.04.2022** up to **11:00 A.M.** And the same shall be opened on the same day at **11:30 A.M.** in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on **29.04.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **28.04.2022** up to **12:00** noon. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

The conditional tender and the tender received without earnest money will summarily be rejected. The offer of the tender shall be kept open for 120 days.

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	A/R & M/O on Nagrota Baldhar Dhaloon road Km 0/000 to 9/000 in Distt Kangra (HP) (SH:-Construction of retaining wall at Rd 6/570 to 6/588 (L/S) and 6/670 to 6/678 (R/S).	Rs 499998/-	Rs 10000/-	Three months
2	Restoration of rain damages on Kandi to Saroot road Km 0/000 to 8/000 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 6/300 to 6/315)	Rs 421667/-	Rs 8500/-	Three months
3	Construction of link road to Shamshan Ghat Balol Km 0/000 to 0/850 in Distt Kangra (HP) (SH:- Construction of retaining wall at Rd 0/150 to 0/400)	Rs 422867/-	Rs 8500/-	Three months
4	Special repair to Guest house at Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:- Dismantling tile, repair of plaster, aluminium work , painting and distempering etc:)	Rs 497550/-	Rs 10000/-	Two months
5	Construction of DSS Kandi road Km 3/060 to 14/400 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 5/375 to 5/405)	Rs 422867/-	Rs 8500/-	Three months
6	Construction of link road Jassour to Naura linking Barai Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Widening of road in Km 0/350 to 0/455)	Rs 499982/-	Rs 10000/-	Three months
7	Construction of link road Jassour to Naura linking Barai Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Widening of road in Km 0/455 to 0/560).	Rs 499982/-	Rs 10000/-	Three months
8	Construction of DSS Kandi road Km 3/060 to 14/400 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 5/200 to 5/213)	Rs 239160/-	Rs 4800/-	Three months

9	Repair and maintenance Old Doctor residence at CHC Baroh ion Tehsil Baroh Distt Kangra (HP) (SH:- Construction of Civil work)	Rs 459583/-	Rs 9200/-	Three months
10.	Special repair to Animal Hospital in Dr R.P.G.M.C. Tanda Distt Kangra (HP) (SH:-Repair of plaster, P/F Glass panes, Aluminium work painting etc;)	Rs 499053/-	Rs 10000/-	Three months

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 reserve s 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.

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

HIMSUCHANA AVAM & JAN SAMPARK

(On behalf of Governor of Himachal Pradesh)

No.PW/NBD/Tender/2021/ 592-622

Dated/ 16-4-2022

Copy to the following for information and necessary action:-

1. The Principal Secy. (PW) to the Govt. of H.P. Shimla.
2. The Engineer-in-Chief, HPPWD, Shimla.
3. The Chief Engineer (KZ), HPPWD, Dharamshala.
4. The Director, Information & Publications Department, H.P. Shimla
5. The Superintending Engineer, 5th Circle, HPPWD, Palampur.
6. The Principal, Dr. RPGMC, Tanda.
7. The Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the departmental website.
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. 499998.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- A/R & M/O on Nagrota Baldhar Dhaloon road Km 0/00 to 9/000 in Distt Kangra (HP)
SUB HEAD :- Construction of retaining wall at RD 6/570 to 6/588 (L/S) and 6/670 to 6/678 (R/S).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, 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.	11.27 Cubic meters	4	5	6 Per cubic metre	7
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	101.73 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	22 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	18.12 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST: - Rs. 421667.00
EARNEST MONEY: - Rs. 8500.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Kandi to saroot road Km 0/000 to 8/000 in Distt Kangra (HP)
SUB HEAD :- Construction of retaining wall at RD 6/300 to 6/315

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, 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.	30.75 Cubic meters	4	5	6 Per cubic metre	7
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	80.55 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	64 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	21.60 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

NAME OF WORK :-

Construction of link road to Shamsan Chat Balol Km 0/000 to 0/850 in Distt Kangra (HP)

SUB HEAD :-

Construction of retaining wall at RD 0/150 to 0/400

ESTIMATED COST :- Rs. 422867.00
EARNEST MONEY :- Rs. 8500.00
TIME LIMIT : THREE MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, 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.	43.20 Cubic meters			Per cubic metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	79.20 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	70 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	26.46 Cubic metres			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

NAME OF WORK :- Special repair to Guest House at Dr. R.P. Govt. Medical College at Tanda in Dist. Kangra (H.P.)

SUB-HEAD :- Dimantling tile, repair of plaster, aluminium work, painting and distemper etc;

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

497550.00

10000.00

TWO MONTHS

Description of items

S. No.

Quantity

In fig

Rate
In words

Unit

Amount

2

1 Repair to plaster in patches of 2.50 sqm (Two decimal five zero) square metres upto any thickness including cutting the patches in proper shape and re-plastering the surfacing to the wall including disposal of rubbish to the dumping ground with cement mortar 1:3 (One cement : Three sand) complete, as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals

3 96.48 Square metres

4

5

6 Per square metre

7

2

2 Providing and fixing anodised aluminium work (Shampion shade colour coated) 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/panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.

80.08 Kilograms

Per kilo-gram

3

3 Providing and fixing anodised aluminium work (Shampion shade colour coated) 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/panelling 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/panelling shall be paid for separately) all complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals

80.08 Kilograms

Per kilo-gram

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
4	Providing and fixing 12mm (Twelve millimetres) thick prelaminated board both side bwp phenol bonded exterior/interior grade panelled shutters including bright finished/black enamelled iron butt hinges with necessary screws complete, as directed by the Engineer-in-Charge, including entire carriage of material within all leads, lifts and other incidentals.	6.72 Square metres			Per square metre	
5	Providing and fixing 100mm (One hundred millimetres) 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.	14 Numbers			Each	
6	Providing and fixing 300x16 (Three hundred and sixteen millimetres) 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.	14 Numbers			Each	
7	Providing and fixing 150x125x27x2.80mm (One hundred fifty into one hundred twenty five into twenty seven into two point eighty millimetres) oxidized M.S. presses parliamentary hinges with necessary screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	16 Numbers			Each	
8	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.	5635.41 Square metres			Per square metre	
9	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 and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	1690.62 Square metres			Per square metre	
10	Wall painting(one coat) with plastic emulsion paint of approved brand and manufacture on decorated wall surface to give an even shade including thoroughly brushing the surface clean of all dirt grease, loose pieces of scale and sand papered smooth complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	5635.41 Square metres			Per square metre	
11	Extra over item No.10 for every sub sequent coat of wall painting with plastic emulsion paint 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.	5635.41 Square metres			Per Square metre	
12	Applying one coat for wood preservative on previously treated wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	580.81 Square metres			Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
13	Extra over item No.12 for every sub sequent coat of wall painting with plastic emulsion paint of approved brand and manufacture complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	580.81 Square metres			Per Square metre	
14	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter with enamel paint other than white complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	514.08 Square metres			Per square metre	
15	Extra over item No.19 for every sub sequent coat of wall painting with plastic emulsion paint of approved brand and manufacture complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	514.08 Square metres			Per Square metre	
16	Providing and fixing 100mm (One hundred millimetres) diameters on wall face rain water pipes of 4.5 kgs/sqm (Four point five kilograms per square metre) working pressure class B PVC D-Plast ISI mark of high density pipe for rain water pipe fixed with approved adhesive including filling the joints complete including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	20.00 Running metres			Per running metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST :- Rs. 422867.00
EARNEST MONEY :- Rs. 8500.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of DSS Kandi road Km 3/060 to 14/400 in Distt Kangra (HP)
SUB HEAD :- Construction of retaining wall at RD 5/375 to 5/405

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	1	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, 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.	43.20 Cubic meters			Per cubic metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	79.20 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	70 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	26.46 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST :- ₹ 499982.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT :- THREE MONTHS

NAME OF WORK :- Construction of link road Jassour to Naura linking Barai Km 0/000 to 2/000 in Distt. Kangra (H.P.).
SUB-HEAD :- Widening of road in Km 0/350 to 0/455

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>210.95 Cum (Two Hundred Ten point Ninety Five)</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.	3 2693.00 Cubic meters	4	5	6 Per cubic metre	7
TOTAL:-						

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

Schedule of Quantity

ESTIMATED COST :- ₹ 499982.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT :- THREE MONTHS

NAME OF WORK :- Construction of link road Jassour to Naura linking Barai Km 0/000 to 2/000 in Distt. Kangra (H.P.).
SUB-HEAD :- Widening of road in Km 0/455 to 0/560

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>210.95 Cum (Two Hundred Ten point Ninety Five)</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.	3 2693.00 Cubic meters	4	5	6 Per cubic metre	7
TOTAL:-						

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

Schedule of Quantity

ESTIMATED COST :- Rs. 239160.00
EARNEST MONEY :- Rs. 4800.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of DSS Kandi road Km 3/060 to 14/400 in Distt Kangra (HP)

SUB HEAD :- Construction of retaining wall at RD 5/200 to 5/213

S. No.	Description of items	Quantity	In fig.	Rate In words	Unit	Amount
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 50 m, 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.	21.45 Cubic meters	4	5	Per cubic metre	7
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	45.63 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.	32 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	14.05 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST :- Rs. 459583.00
EARNEST MONEY :- Rs. 9200.00
TIME LIMIT : THREE MONTHS

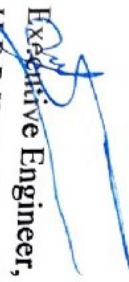
NAME OF WORK :- Repair and maintenance of Doctor Residence at C.H.C. Baroh in Tehsil Baroh, Distt. Kangra (H.P.)
SUB HEAD :- Construction of Civil Work.

S. No.	Description of items	Quantity	In fig	Rate		Unit	Amount
				In words			
1	1 Steel work welded in built up sections joints/tubular section channels, angles, tees, frame work for ceiling/false ceiling flats with connection plates or angles, cleat as in trusses, trussed purlins main and cross beams, hips jack rafters, purlins connected to common rafters and the like in building including cutting, fixing, lifting, hoisting and; placing in position complete and applying a coat of red lead paint i/c framed work with angle tees 40x6mm (Forty into six millimetres) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	27.36 Quintal	3 4	5		6 Per quintal	7
2	Providing and fixing 0.60mm (Zero decimal Six Zero millimetres) thick prepainted steel sheet TATA / Shakti or equivalent in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 10 (Ten) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks,bolts and nuts 6mm (Six millimetres) diametres with prepainted limpet and rubber washers complete with all accessories as required complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	152.00 Square metres				Per square metre	
3	Providing and fixing ridges or hips laying proper Gola shape 60cm (Sixty centimeters) over all with 0.60mm (Zero point Sixty millimeters) thick prepainted sheet roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six millimeters) diametres with prepainted G.I. limpet and bitumen washers complete with all accesories as required complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	19.87 Running metres				Per running metre	

Description of items

2	Quantity	Rate		Unit	Amount
		In fig	In words		
4	3 15.02 Square metres	4	5	6 Per square metre	7
Providing and fixing plain M.S. B.P. iron sheet 1.66mm to 2mm (One decimal sixty six millimeter to Two millimetres) thick 16 gauge fixed in soffits /ceiling including jointing with gas/electric welding in position complete (frame work is to be measured and laid for separately) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.					
5	135.80 Square metres			Per square metre	
15mm (Fifteen millimetres) thick cement plasters in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including arises, internal rounded angles, chamfers and or rounded angles not exceeding 80mm in girth and finished even and smooth with cement mortar 1:5(One cement: Five sand) above plinth level to floor all level as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.					
6	135.80 Square metres			Per square metre	
Applying J.K./ 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.					
7	135.80 Square metres			Per square metre	
Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarlled 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- Incharge, including carriage of materials within all leads, lifts and other incidentals.					
8	18.75 Cubic metres			Per cubic metre	
Excavation in foundation, trenches etc. in earth work in all classification of soil such as pick work, jumper work, pick jumper work, blasting work, jumper blasting work, soft and hard blasting and saturated soil, de-watering, including wedging out rocks where blasting work is prohibited, chiseling or any other mixed variety of soil, de-watering and/or removal of slush and incidentals, lift upto any heights, stacking the excavated soil not more than 3 mtrs (Three meters) clear from the edge of excavation and then returning the stacked soil in 15cm (Fifteen centimeter)layers, when required into plinths, sides of foundation etc; consolidating each deposited layer by ramming, watering and then disposing of all excavated earth complete as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.					

Description of items		Quantity	Rate		Unit	Amount
	2		In fig	In words		
9	Boulder filling dry hand packed under flooring including consolidation complete as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	3 7.50 Cubic metres	4	5	6 Per cubic metre	7
10	Providing and laying cement concrete 1:3:6 (One cement : Three sand: Six graded stone aggregate 40mm (Forty millimetres) nominal size) excluding cost of centring and shuttering in foundations and plinth complete as directed by the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	7.50 Cubic meters			Per cubic metre	
11	Providing and laying 60mm (Sixty millimetre) thick inter locking blocks heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M-50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (One cement : Four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing & polishing complete (Sub base concrete floor to be paid for and 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	
12	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter enamel paint other than white as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals .	30.05 Square metres			Per square metre	
TOTAL:-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST: -

EARNEST MONEY: -

TIME LIMIT :

₹ 499053.00

₹ 10000.00

THREE MONTHS

NAME OF WORK :- Special Repair to Animal Hospital in Dr.R.P.G.M.C. TANDA. Dist Kangra H.P.

SUB HEAD :- , Repair of plaster , P/F Glass Panes, Aluminium Work, Painting Etc,

Sr. No	Description Of Item	Qty.	Rate (Rs.)		Unit	Amount (Rs.)
			In Fig.	In Words		
1	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead (wooden/concrete joists to be measured and paid for separately) For thickness of tiles above 25mm and upto 40mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	49.68			Per Sqm.	
2	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a lead of 20 metres with:- Cement Mortar 1:6 (1 Cement : 6 Sand), including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	44.88			Per Sqm.	
3	Providing and laying cement concrete 1:3:6 (1 cement:3 sand:6 graded stone aggregate 40mm nominal size) excluding cost of centring and shuttering in: Foundations and plinth: including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	2.22			Per Cum	
4	Providing and fixing 250 x 10mm size aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete. including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	41.00			Each	
5	Providing and fixing 100 mm aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete. including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	30.00			Each	
6	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete. 300X16mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	44.00			Each	
7	Providing and fixing oxidized M.S. presses parliamentary hinges with necessary screws etc complete 50x125x27x2.80mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	80.00			Each	
8	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary: Plate Glass 3.5 mm thick including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	25.85			Per Sqm.	

9	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, including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	5.26				Per Qtl.	
10	Providing and fixing bright finished hard drawn hooks and eyes, 300 mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	50.00				Each	
11	Providing and fixing steel glazed doors, windows and ventilators of standard rolled steel sections joints mitred and welded with 16x3.15 mm lugs 10 cm long with wooden plugs and screws or rawl plug and screws or with fixing clips or with bolts and nuts as required and iron fittings, including providing and fixing of glass panes with glazing clips and special metal sesh putty including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	10.40				Per Sqm.	
12	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accessories as required including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	88.40				Per Sqm.	
13	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	26.05				Per Sqm.	
14	welding of steel window shutter when required complete including complete repair of the window shutter including accessories of window shutter complete, including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	40.00				Each	
15	Repair of Door and Windows, including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	12.00				Each	
16	Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M-50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for 40mm thick block, including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	138.20				Per Sqm.	
17	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	1844.35				Per Sqm.	

18	Applying Birla white wall cave putty over plaster surface emulsion after thoroughly brushing the surfaces free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete.	354.59			Per Sqm.	
19	Wall painting (one coat) with Plastic emulsion paint of approved brand and manufacture on decorated wall surface to Give an even shade including thoroughly brushing the surface clean of all dirt grease, loose pieces of scale and sand papered smooth.	1181.95			Per Sqm.	
20	Extra over item No. 24 for every sub sequent coat of distemper with oil bound washable distemper of approved brand and manufacture. including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	1181.95			Per Sqm.	
21	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter :- -With Enamel paint other than white. including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	34.56			Per Sqm.	
22	Extra over item No.26 for every subsequent coat of paint. including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	34.56			Per Sqm.	
23	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with readymixed flat oil paint, brushing to give an even shade including cleaning of all dirt, dust and other foreign matter and sand papering and stopping including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	91.93			Per Sqm.	
24	Extra over item No.24 for every subsequent coat of paint including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	91.93			Per Sqm.	
25	Finishing wall with Heritage Silica duke texture finish of approved shade exterior grade emulsion of approved brand on undecorated wall surface (two coat) to give an even shade and final finish after thoroughly cleaning the surfaces to remove all dirt, dust and foreign matters including sand papering smooth and primer coat of required shade and brand or any adhesive if required complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	662.40			Per Sqm.	
26	Providing, laying and proper rolling of Doob/ Bermuda grass (Variety-Selection I) turf which is compact, evenly grown and free from weeds along with maintenance for 30 days or more till the grass form a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the earth shall be paid separately) including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	117.30			Per Sqm.	
27	Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass form a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid separately. In rows 7.5 cm apart in either complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-Incharge.	117.30			Per Sqm.	

28	Providing and fixing vitreous China wash down, water closet (European type, W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe Cera, Jaquar and Hindware in cement mortar 1:1 (One cement : One sand) (Seat and over to be measured and paid for separately complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2				Each	
29	Providing and fixing sand cast iron 100mm (Hundred millimetres) size Cera or its equivalent P or S traps for water closet (squatting pan) including jointing the trap with pan and soil pipe in cement mortar 1:1 (one cement: one sand) including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2				Each	
30	Providing and fixing plastic seat (Solid/Hollow type) and cover Cera, Jaquar and Hindware for wash down water closet with C.P. Brass hinges and rubber buffers complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2				Each	
31	Providing and fixing (vitreous China wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white Cera, Jaquar and Hindware including cutting holes and making good the same but excluding fittings complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2				Each	
32	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste pipe for wash basin or sink ISI make complete.	10				Each	
33	Providing and fixing 600x450mm (Six hundred into Four hundred fifty millimetres) size bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers complete	2				Each	
34	Providing and fixing C.P. Bottle Trap for wash basin and sink :- 32mm dia including entire carriage of materials with	4				Each	
35	Providing and fixing recessed Roll type toilet paper holder including entire carriage of materials within all leads lifts	2				Each	
36	Providing and fixing to wall ceiling and floor 32 mm including entire carriage of materials within all leads lifts and	4				Each	
37	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws Cera, Jaquar and Hindware complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2				Each	
38	Providing and fixing 15mm (Fifteen millimetres) diameters long nose brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2				Each	
39	Providing and fixing 15mm (Fifteen millimetres) dia long body brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete	2				Each	
40	Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve without nuts and pipe Cera, Jaquar and Hindware complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	6				Each	

41	Providing and fixing P.V.C. connection 300x450mm (Three hundred into four hundred fifty millimetres) length with check nut and brass union Cera, Jaquar and Hindware complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	14			Each	
42	Providing and fixing PTMT Coloured/white high density polyethylene / poly propylene 10.00 ltrs (Ten litres) capacity lead valve, syphon, 15mm (Fifteen millimetres) nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm (Forty millimetres) dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2			Each	
43	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	6			Each	
44	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) Cera or its equivalent approved quality tube fitting and clamps including making good the wall, ceiling and floor including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.					
45	15mm (Fifteen millimetres) nominal bore	27.00			per Rmt	
46	20mm (Twenty millimetres) nominal bore	14.00			per Rmt	
47	Providing and fixing PTMT concealed stop cock with flange of approved quality and colour 15 mm including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	6			Each	
48	Providing and fixing 600x120mm (Six hundred twenty millimetres) glass shelf with C.P. brass. (Heavy duty makes) brackets and guard rail complete fixed to wooden plugs with C.P. brass screws including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	4			Each	
49	Providing and fixing PTMT pillar cock fancy of approved quality and colour including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2			Each	
50	Providing and fixing 600x20mm (Six hundred into Twenty millimetres) size C.P. Brass Towel rail Cera or its equivalent complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws complete including entire carriage of materials within all leads lifts and other incidentals, and as per specification and as per directed by the Engineer-In-charge.	2			Each	
Total:-Rs.						

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