

**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 **02.03.2024** 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 **01.03.2024** up to **4:00 P.M** and the application for issue of tender form shall be received on **29.02.2024** up to **12:00 noon.** The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

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

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1.	Construction of various roads under Nagrota Constituency in Distt Kangra (HP)(Under Deposit Mlalad). (SH:-Construction of link road Towards house if Sh Anil Kumar and others by providing and laying cement concrete pavement road in Km 0/000 to 0/075).	149993/-	3000/-	Two months
2.	Construction of link road from Ustehar Nougzza Behra Banjar in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall at RD 0/600 to 0/615).	253737/-	5100/-	Three months
3	Construction of link road to Harizan basti Palra in Distt Kangra (HP) (SH:- Providing and laying cement concrete pavement road in Km 0/300 to 0/400) Under SCSP	317767/-	6400/-	Two months
4	Construction of link road to village Nera in Distt Kangra (HP) (SH:- Construction of 2.00 mtr span RCC culvert alongwith wing walls at RD 1/150).	499007/-	10000/-	Two months
5.	Restoration of rain damages on link road from Jalot Hardoo Mangrella road 0/000 to 3/000 in Distt Kangra (HP) (SH:-Providing and laying interlocking paver block in various RDs between Km 0/000 to 1/000).	497882/-	10000/-	Two months
6.	Restoration of rain damages on Thana Bargran busal road Km 0/000 to 5/000 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall in wire crate work at RD 1/675 to 1/700).	496305/-	10000/-	Two months
7.	Construction of link road to Harizan basti Ustehar in Distt Kangra (HP) (Under SCSP) (SH:-Providing and laying cement concrete pavement road in Km 0/000 to 0/100).	317767/-	6400/-	Two months
8.	Special repair to Senior Boys Hostel in Dr R.P. Govt. College at Tanda ain Distt Kangra (HP) Deposit work (SH:-Painting and distempering in various rooms in ground floor and second floor etc;)	499852/-	10000/-	Two months
9.	Providing and way road side facilities on Daulatpur Sunhi Sarotari Kandi km 20/000 to 33/100 in Distt Kangra (HP) (SH:-Construction of Rain shelter at Khabbal Kholi Chowk)	174318/-	3500/-	Two months
10	Construction of retaining wall approximate 40.00 mtrs on Govt. Nallah in ward No 1 Tikka Jatehar in G.P. Bhatehar Busal in Distt Kangra (HP) (SH:- Construction of retaining wall (Under MLALAD Deposit)	189706/-	3800/-	Two months
11	Construction of Community Centre at Bhadrehar in Tehsil Nagrota Bagwan in Distt Kangra (HP) (SH:-Construction of Civil work etc; (Deposit work)	362143/-	7250/-	Three months
12	Special repair to Girls Hostel in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Dismantling tile, repair of plaster,, providing and fixing floor tiles wall tile, aluminium work, wooden work WS & SI etc in Toilet of block-B in second floor)	499984/-	10000/-	Two months
13.	Special repair to Super Speciality block in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) Deposit work (SH:-Providing and fixing aluminium work, prelaminated board etc; in right and left side ONCO slip counter area. Dispensary area in ground floor for SSB Block)	499174/-	10000/-	Two months
14	Construction of Ambulance road towards Harizan Basti Tikka Tikari in G.P. Sunhi in Distt kangra (HP) (Under MLALAD Deposit)(SH:-Construction of Edge wall at RD 0/000 to 0/015, providing and laying cement concrete pavement at RD 0/000 to 0/095).	294494/-	5900/-	Two months
15.	Construction of Various roads under Nagrota Constituency in Distt Kangra (HP) (Under Deposit MLALAD) (SH:-Construction of link road from main road Sunhi kerta to Dhiman Basti in Gram Panchayat Sunhi by providing and laying cement concrete pavement road in Km 0/000 to 0/080).	254205/-	5100/-	Two months

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16.	Construction of Bandi Matyari Mumta Gallu Kasharehar road Km 0/000 to 3/600 in Distt Kangra (HP) (SH:-Construction of Roundabout near junction)	498532/-	10000/-	Two months
17.	Construction of link road from Mundla to Tikka Dhar to link road village and Amtrar Km 2/900 to 5/660 in Distt Kangra (HP) (SH:-Formation cutting in Km 4/085 to 4/150).	143564/-	2900/-	One month
18	Restoration of rain damages on link road from Sadoon Kandi road Km 0/000 to 20/000 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall at RD 12/285 to 12/300) (SH:-Improvement of road width by providing retaining wall at RD 12/285 to 12/300(Under Deposit).	179982/-	3600/-	Two months
19	Construction of Thana Bargan Busal road Km 0/000 to 5/000 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall in wire crate work at RD 1/650 to 1/675).	496605/-	10000/-	Two months
20	Construction of link road to Tika Khanog in Distt Kangra (HP) (SH:-Providing & laying cement concrete pavement road at various reaches between km 0/000 to 0/500).	497727/-	10000/-	Two months
21.	1. C/o Pandol Chakban Sarotari Berehad Katra road including 2 no Bridge Baradi Khad Kms 0/0000 to 6/000. 2.) C/o Kufferi Badhhar to Matai balol road Km 0/000 to 3/500. 3) Hydraulic data of 25 mtr span bridge over Bardi khad on Pandol Chakban Sarotri Berehad katra road 4) Hydraulic data of 50 mtr span bridge over Bardi khad on Pandol Chakban Sarotri Berehad katra road 5) Hydraulic data of 25 mtr span bridge over Bardi khad on Pandol Chakban Sarotri Berehad katra road. 6) Hydraulic data of 50 mtr span bridge over Bardi khad on Pandol Chakban Sarotri Berehad katra road. (SH:-Preparation of DPR & Hydraulic Data).	486500/-	9750/-	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

(On behalf of Governor of Himachal Pradesh)

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

No.PW/NBD/TA/Tender/NIT/2023-24- 17270-99

Dated/ 20-2-2024

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
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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 :- ₹ 149993.00
 EARNEST MONEY :- ₹ 3000.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of various roads under Nagrota Constituency in Distt. Kangra (H.P.) (Under Deposit MLALAD).
SUB HEAD :- Construction of link road TORKARDS House of Sh. Anil Kumar and others by providing and laying cement concrete pavement road in Km 0/000 to 0/075

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [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.	8.45			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge.	23.22			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 from Ustehar Nougza Behra Banjar in Distt. Kangra (H.P.)

SUB HEAD :- Improvement of road width by providing Retaining wall at RD 0/600 to 0/615

ESTIMATED COST :- Rs. 253737.00
 EARNEST MONEY :- Rs. 5100.00
 TIME LIMIT : THREE 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.	12.42	4	5	Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	63.89			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.	20.00			Per running metre	
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.	9.26			Per cubic metre	
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST :- ₹ 317767.00
 EARNEST MONEY :- ₹ 6400.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of link road to Harizan Basti Ustehar in Distt. Kangra (H.P.) (Under SCSP).
SUB HEAD :- Providing and laying cement concrete pavement road in Km 0/000 to 0/100

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [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.	23.63			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 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge.	47.25			Per cubic metre	
TOTAL :-						


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

Schedule of Quantity


ESTIMATED COST: - Rs. 499007.00
 EARNEST MONEY: - Rs. 100000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of link road to village Nera in Distt. Kangra (H.P.).

SUB-HEAD :- Construction of 2.00 mtrs span RCC slab culvert alongwith wing walls at RD 1/150

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	61.38			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering .Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	5.58			Per cubic metre	
3	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-Incharge including carriage of materials within all leads, lifts and other incidentals.	51.58			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 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	2.36			Per cubic metre	
5	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability (Cement content considered in this item is @330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately) All works upto plinth level as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	3.12			Per cubic metre	
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto all plinth level Thermo-Mechanically Treated ars of grade Fe-500D or more as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	931.03			Per Kilo gram	

7	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 H.P.P.W.D technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	19.99	Cubic metres			Per cubic metre	
8	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.	17.60	Running metres			Per running metre	
9	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 H.P.P.W.D technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	14.46	Cubic metres			Per cubic metre	
TOTAL :-							


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


Schedule of Quantity

ESTIMATED COST: - Rs. 497882.00
 EARNEST MONEY: - Rs. 100000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Jalot Hadoo Mangrella road 0/000 to 3/000 in Distt. Kangra (H.P.).

SUB-HEAD :- Providing and laying interlocking paver block in various RDS between Km 0/000 to 1/000

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and 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 any lead including entire carriage of materials within all leads, lifts and other incidentals.	16.50 Cubic meters			Per cubic metre	
2	Providing and laying 80mm (Eighty millimetres) thick cement concrete paver block of M-30 (M-Thirty) grade with approved color design and pattern factory made chamfered edge Cement Concrete paver blocks NTC/ GDC/Atlantica and Pooja make in roads etc; of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, complete all as per direction of Engineer-in-Charge as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	330.00 Square metres			Per square metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	17.91 Cubic metres			Per cubic metre	
TOTAL :-						


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


Schedule of Quantity

NAME OF WORK :- Restoration of rain damages on Thana Bargran Busal road Km 0/000 to 5/000 in Distt. Kangra (H.P.)

SUB HEAD :- Improvement of road width by providing Retaining wall in wire crate work at RD 1/675 to 1/700

ESTIMATED COST: - ₹ 496305.00
 EARNEST MONEY :- ₹ 10000.00
 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 rammimg 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.	39.38			Per cubic metre	
2	Providing and making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012,MORTH Clause 2500, of required size. Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated. Mesh wire diameter 3.0 mm (Three point zero millimetres), mechanically edged/selvedged with partitions at every 1m (One metre) interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	179.69			Per cubic metre	
3	Filling available excavated earth (excluding rock) intranches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer-in-charge, including compacting each layer by rolling/ramming and watering, all complete as per drawing and direction of Engineer -in - charge as per drawing and HP.PVD technical specifications and as directed by Engineer-incharge including carriage of material within all leads, lifts and other incidentals.	43.50			Per cubic metre	
TOTAL :-						


 Executive Engineer,
 H.P.P.W.D., Division,
 Tanda at Nagayala-Bargran.

Schedule of Quantity

ESTIMATED COST :- ₹ 317767.00
 EARNEST MONEY :- ₹ 6400.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of link road to Harizan Basti Paltra in Distt. Kangra (H.P.)
 SUB HEAD :- Providing and laying cement concrete pavement road in Km 0/300 to 0/400 (under SSP)

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
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.	23.63			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 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge.	47.25			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499852.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Special repair to Senior Boys Hostel in Dr. R.P.Govt. College at Tanda in Distt. Kangra (H.P.) **DEPOSIT WORK.**
SUB-HEAD :- *Painting and distemping in various rooms in ground floor and second floor etc;*

Sr.No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc; complete including entire carriage of materials within all leads, lifts and other incidentals	814.80 Square metres			Per square metre	
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	814.80 Square metres			Per Square metre	
3	Wall painting (Two coat) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly bushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	1358.00 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	1701.00 Square metres			Per square metre.	
5	Painting two coats (excluding priming coat) on new steel and other metal 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	4454.80 Square metres			Per square metre.	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 174318.00
 EARNEST MONEY: - ₹ 3500.00
 TIME LIMIT - TWO MONTHS

NAME OF WORK :- Providing way road side facilities on Daulapgur Sunhi Sarotari Kandi Km 20/000 to 33/100 in Distt. Kangra (H.P.).
SUB-HEAD :- Construction of Rain Shelter at Khabhal Kholi Chowk.

S. 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 any lead including entire carriage of materials within all leads, lifts and other incidentals.	3	4	5	6	7
2	Providing form work with steel plates of 3.15mm (Three decimal fifteen millimetres) thick, welded with angle iron in frames of 30x30x5mm(Thirty into Thirty into Five millimetres), so as to give a fair finish including centring, shuttering strutting and propping etcetera, with wooden battens and ballies for all heights and removal of the same for in-situ reinforced concrete and plain concrete work in vertical surface such as walls (any thickness) partitions and the like including attached, pilasters, buttresses, plinth and string courses and the like including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	7.20			Per square metre	
3	Providing form work with steel plates of 3.15mm (Three decimal one five millimetres) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimetres), so as to give a fair-finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in Edges of slabs and breaks in floors and walls upto any width where ever required including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	14.00			Per running metre	
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	5.58			Per cubic metre	
5	Stone filling dry hand packed under flooring including consolidation complete including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	1.80			Per cubic metre	
6	Providing and laying cement concrete 1:2:4 (One cement: two sand: four graded crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including cost of forms work in foundation and plinth, including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	3.60			Per cubic metre	
7	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	2.40			Per cubic metre	
8	Providing and fixing 100mm (One hundred millimetres) diameters mild steel hollow pipe (heavy grade) embedded in cement concrete masonry work and filled with cement mortar 1:3 (One cement: Three sand) as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	15.00			Per running metre	
9	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel in grating, frames, guard bar ladder, railings, bracket, gate and similar work complete including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	280.77			Per kilo gram	

10	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel in trusses and trussed purins in buildings and similar work complete including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	241.82	Per kilo gram		
11	Providing and fixing 0.60mm (Zero decimal Six Zero millimetres) thick prepainted sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six millimetres) diameters with prepainted limpet and rubber washers complete with all accessories as required including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	17.94	Per square metres		
12	Providing and fixing M.S. B.P Sheet 1.6mm to 2mm (One point six to Two millimetres) thick in eaves board/facia/soffit/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately), including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	2.55	Per square metres		
13	Painting Steel Wood work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	38.40	Per square metres		
14	Providing and laying of 25mm (Twenty five millimeter) thick kota stone slab flooring 20mm (Twenty millimeter) average thick base of cement mortar of 1:4 (One cement:4 sand) laid over and jointed with gray cement slurry mixed with pigments of match the shade of the slab including rubbing and polishing complete (for all floor level) as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	15.000	Per square metre		
15	Providing plinth protection 50mm (Fifty millimetres) thick cement concrete 1:3:6 (One cement: Three sand: Six graded crushed stone aggregate 20mm (Twenty millimetres) nominal size) including finishing the top surfaces of concrete smooth complete including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	6.00	Per square metre		
16	Providing and fixing Hindi Matras commas and the like not to be measured and paid for separately) Half letters shall be counted as half only complete excluding the cost of form work in foundation and plinth as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	900.00	Per letter per Centi- metres height		
Total :-					

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

Schedule of Quantity

ESTIMATED COST: - Rs. 189706.00
 EARNEST MONEY :- Rs. 3800.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of retaining wall approximate 40.00 mtrs on Govt. Nallah in Ward No-1 Tikka Jatehar in G.P. Bhatehar Busal in Distt Kangra (HP)
 SUB HEAD :- Construction of Retaining wall (Under MLALAD Deposit).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In figs.	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 rammimg 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	4	5	6	7
1		18.15			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1.5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	46.40			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.	18.00			Per running metre	
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.	9.60			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

NAME OF WORK :- Construction of Community Centre at Bhadrachar in Tehsil Nagrota Bagwan, Dist. Kangra (H.P.)

SUB-HEAD :- Construction of Civil work etc. Deposit Work

ESTIMATED COST :- ₹ 362143.00
 EARNEST MONEY :- ₹ 7250.00
 TIME LIMIT : THREE MONTHS

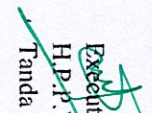
S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides 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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications. approved drawing, design and as directed by the Engineer-in-charge.	3	4	5	6	7
2	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete including carriage of material within all leads, lifts and other incidentals.	1.30			Per cubic metre	
3	Supplying, filling, spreading & leveling stone boulders under floors as per direction of Engineer-in-charge, as directed by the Engineer-in-charge, including carriage of materials within all leads, lifts and other incidentals.	1.94			Per cubic metre	
4	Providing form work with steel plates of 3.15mm (Three decimal one five millimetres) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimetres), so as to give a fair finish including centring, shuttering strutting and propping etcetera, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in beams cantilevers girders lintels window sills, cornices, arches corbelling including curved surfaces where ever required sides and soffits of beams haunchings cantilevers bressumers and lintels upto all depths including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications. entire satisfaction and as directed by the Engineer-in-charge.	8.62			Per square metre.	
5	Providing form work with steel plates of 3.15mm (Three decimal one five millimetres) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimetres), so as to give a fair finish including centring, shuttering strutting and propping etcetera, with wooden battens and ballies for all heights/depth of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in flat surfaces such as soffits of suspended floors roofs, landings windows sills, cornices, arches, moulding, corbelling including curved surfaces where ever required as per Architectural drawing, design and specifications and the like floor etcetera including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	27.67			Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
6	Providing form work with steel plates of 3.15mm (Three decimal fifteen millimetres) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Five millimetres), so as to give a fair finish including centering, shuttering strutting and propping etcetera, with wooden battens and ballies for all heights and removal of the same for in-situ reinforced plain concrete work in edges of slab and breaks in floors and walls under any thickness 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.	21.04 Running metres			Per running metre	
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level cement concrete 1:4:8 (One cement; four sand; eight graded broken/crushed stone aggregate 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.	2.28 Cubic metres			Per cubic metre	
8	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° (Fifteen Degree) landings, balconies, shelves, chajjas, bards, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (One cement : Two coarse sand : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size), and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.	6.13 Cubic metres			Per cubic metre	
9	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (One cement : Six coarse sand : Twelve graded stone aggregate 20mm (Twenty millimetre) nominal size upto plinth level with cement mortar 1:6 (One cement : Six coarse sand) 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.	5.84 Cubic metres			Per cubic metre	
10	Providing Tor steel reinforcement for reinforced cement concrete work including bending, binding, cutting, straightening and placing in position complete including cost of binding wires complete upto all floor levels as per specifications, approved drawing, design, as per entire satisfaction of the Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	913.80 Kilograms			Per kilogram	
11	Second class brick masonry using common burnt clay building bricks in super-structure upto all floor level in cement mortar 1:6 (One cement: Six sand) and curing complete including carriage of material within all leads, lifts and other incidentals as per approved specifications, drawing, design and as directed by the Engineer-in-charge.	9.73 Cubic metres			Per cubic metre	
12	Providing Sal wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) complete including entire carriage of materials within all leads 1:9s and other incidentals and as directed by the Engineer-in-Charge.	0.20 Cubic metres			Per cubic metre	

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2 Providing and fixing 35mm (Thirty five millimetre) thick panelled or panelled and glazed shutters in Teak wood for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, which will be paid for separately, all complete including entire carriage of materials within all leads lifts and other incidentals and as directed by the Engineer-in-Charge.	3 1.89 Square metres	4	5	6 Per square metre	7
14	Providing and fixing 35mm (Thirty five millimetre) thick wire gauge shutters in Teak wood using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with linges and necessary screws complete as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	6.39 Square metres			Per square metre	
15	Providing and fixing 35mm (Thirty five millimetre) thick glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws complete including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge.	4.50 Square metres			Per square metre	
16	Providing and fixing 300x16mm size (Three hundred into sixteen millimetres) anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. completed including entire carriage of materials as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	1 Number			Each	
17	Providing and fixing aluminium Tower bolts (Barrel type) anodized transparent or dyed to required colour and shade with necessary screws etc; including entire carriage of materials as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
i	200x10mm (Two hundred into Ten millimetres) nominal size	2 Numbers			Each	
ii	150x10mm (One hundred fifty into Ten millimetres) nominal size	12 Numbers			Each	
18	Providing and fixing aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc; and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
i	125mm (One hundred twenty five millimetres) nominal size	4 Numbers			Each	
ii	100mm (One hundred millimetres) nominal size	8 Numbers			Each	
19	Providing and fixing 200mm (Two hundred millimetres) size bright finished brass hard drawn hooks and eyes complete with necessary screws etc; complete and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	1	3	4	5	6	7
20	2 Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete, as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	1 Number			Each	
21	Providing and fixing 150mm ((One hundred fifty millimetres) bright finished brass floor door stopper with rubber cushion screws etc. to suit shutter thickness complete as per direction Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	1 Number			Each	
22	6mm (Six millimetres) thick cement plaster to ceiling in cement mortar 1:3 (One cement: Three sand) upto all floor levels 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.	28.34 Square metres			Per square metre	
23	15mm thick cement plasters in single coat on rough side of brick/concrete/stone walls for interior plastering upto all floor level including girders, internal rounded angles, channers and or rounded angles not exceeding 80mm in girth and finished even and smooth with cement mortar 1:4 (One cement : Four sand) including carriage of material within all leads, lifts and other incidentals, as per approved specifications drawing, design and as directed by the Engineer-in-charge.	90.41 Square metres			Per square metre	
24	Providing and applying white cement based putty of Birta /JK average thickness 1mm (One millimetres) thick, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level 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.	118.75 Square metres			Per square metre	
25	Finishing walls with 100% (One hundred percent) Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives complete in New work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, entire satisfaction and as directed by the Engineer-in-charge.	53.60 Square metres			Per square metre	
26	Wall painting two coats with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/litre of approved brand and manufacturer, including applying additional coats wherever required to achieve even shade and colour 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.	65.15 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
27	Providing and fixing double charged verified tiles of Somany/Orient/RAK or equivalent 600x600mm (Six hundred into Six hundred millimetres) approved shade and colour in flooring, treads of steps and landing laid over 12mm (Twelve millimetres) thick cement mortar 1:3 (One cement isto Three sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete. as per specifications, drawing and design complete. as directed by the Engineer-in-charge upto floor all levels including carriage of material within all leads, lifts and other incidentals.	14.40 Square metres			Per square metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 499984.00
 EARNEST MONEY: - ₹ 10000.00
 TIME LIMIT: - TWO MONTHS

NAME OF WORK :- Special repair to Girls Hostel in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)
 SUB-HEAD :- Dismantling tile, repair of plaster, providing and fixing floor tiles, wall tile, aluminium work, wooden work, W.S. & S.I. etc. in Toilet of Block-B in Second Floor.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	1 Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i.e. disposal of mulbar rubbish to the nearest municipal dumping ground, all completers directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	3	4	5	6	7
2	2 Repairs to plaster of thickness 12 mm to 20 mm (Twelve millimetres to twenty millimetres) in patches of area 2.5 sq.meters (Two point five square metres) and under, including cutting the patch in proper shape, raking out joints and 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.	210.00			Per Square metre	
3	3 Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm (Twenty millimetres) nominal size) complete complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	2.39			Per Cubic metre	
4	4 Providing and laying 400x400 mm (Four 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, in skirting, riser 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.	20.80			Per Square metre	
5	5 Providing and laying Vitrified tiles in 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, 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-in-charge including carriage of materials within all leads, lifts and other incidentals.	82.55			Per Square metre	
6	6 Providing and fixing anodised aluminium work for door, window, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with raw 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 section shall be smooth, rust free, straight, mitered and jointed mechanically where ever required including clear angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	122.12			Per Kilogram	
7	7 Providing and fixing anodised aluminium work for door, window, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with raw 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 section shall be smooth, rust free, straight, mitered and jointed mechanically where ever required including clear angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws For shutter of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fitting of fittings where ever required including the cost of PVC/neoprene gaskets as required (Hinges and glazing/panelling shall be paid for separately) complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	119.02			Per Kilogram	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2					
8	Providing and fixing 250 x 10mm (Two hundred fifty into ten millimetres) size aluminium tower bolts (barrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	20 Numbers			6 Each	7
9	Providing and fixing 100 mm (One hundred millimetres) aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	10 Numbers			Each	
10	Providing and fixing 300x16mm (Three hundred into sixteen millimetres) anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	8 Numbers			Each	
11	Providing and fixing oxidized M.S. presses parliamentary hinges with necessary screws etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	14 Numbers			Each	
12	Providing and fixing 12mm (Twelve millimetres) thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	5.04 Square metres			Per Square metre	
13	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 bending shall be paid in basic With float glass panes of 4.0 mm (Four point zero millimetres) thickness (weight not less than 10 kg/ sqm) (Ten kilograms/square) complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	11.34 Square metres			Per Square metre	
14	Providing and fixing 6mm (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 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	11.52 Square metres			Per Square metre	
15	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm (Eighteen millimetres) thick stone slab over 20 mm (Twenty millimetres) (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing, polishing and moulding in single or double layer etc. all complete as specified and as directed by the Engineer-In-charge Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	1.16 Square metres			Per Square metre	
16	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 jackrafters, purllins connected to common rafters and the like complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	0.79 Kilograms			Per Kilo gram	
17	Dismantling of C.I. /PVC pipe 110mm dia complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	40.80 Running metres			Per running metre	
18	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood 35 mm (Thirty five millimetres) thick shutters complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	0.97 Square metres			Per Square metre	
19	Providing and fixing 300mm (Three hundred millimetres) bright finished hard drawn hooks and eyes complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	14 Screws			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1						
20	Providing and fixing 100mm (One hundred millimetres) bright finished brass door stopper with rubber cushion screws etc to suit shutter thickness complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	3 2 Numbers	4	5	6 Each	7
21	Providing and fixing 100mm (One hundred millimetres) dia pipes on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, 6.00 Kgs (Six kilogram pressure pipe leaving 10 mm (Ten millimetres) gap for thermal expansion. (i) Single socketed pipes complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	50.00 Running metres			Per Running metre	
22	Providing and fixing Single tee with door complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.					
i	Providing and fixing Single tee with door 110x110x110 mm (One hundred ten into one hundred ten into one hundred ten millimetres)	6 Numbers			Each	
ii	Single tee without door 110x110x110 mm (One hundred ten into one hundred ten into one hundred ten millimetres)	5 Numbers			Each	
iii	Bend 110 mm (One hundred ten millimetres) bend	8 Numbers			Each	
23	Providing and fixing wash basin with C.I. brackets, 15 mm (Fifteen millimetres) C.P. brass pillar taps, 32 mm (Thirty two millimetres) C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 630x450 mm (Six hundred thirty into four hundred fifty millimetres) with a pair of 15 mm C.P. brass pillar taps complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
24	Providing and fixing 580mm (Five hundred eighty millimetres) of size vitreous China wash down, water closet squatting pan (Indian Make) Long pattern W.C. pan complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
25	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) complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
26	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 as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
27	Providing and fixing 100 mm (One hundred millimetres) sand cast iron grating for gully trap complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	12 Numbers			Each	
28	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste pipe for wash basin or sink ISI make complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	5 Numbers			Each	
29	Providing and fixing 32mm (Thirty two millimetres) diameters M.I. Union for wash basin or sink ISI make complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
30	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 as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	5 Numbers			Each	
31	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 as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	10 Numbers			Each	
32	Providing and fixing 15mm (Fifteen millimetres) diameters long nose brass bit tap (Superior or heavy type) Cera, Jaquar and Hindware complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	12 Numbers			Each	
33	Providing and fixing 15mm (Fifteen millimetres) C.P. brass angle valve without nuts and pipe Cera, Jaquar and Hindware complete as directed by the Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	15 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
34	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 as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	15 Numbers			Each	
35	Providing and fixing water closet squatting pan (European Type) mounting water closet of size 780x370x690 mm (Seven hundred eighty into three hundred seventy into six hundred ninety millimetres) of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (Three litre/six litre) (adjustable to 4 litre/ 8 litres (Four litre/eight litre), including seat cover, and cistern fittings, nuts, bolts and gasket etc. complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
36	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
37	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 complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	60.80 Running metres			Per Running metre	
38	Providing and fixing bath shower Cera or its equivalent complete with necessary fitting complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
39	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.	4 Numbers			Each	
40	Providing and fixing brass full way valve with wheel complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
41	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass chain 50cm (Fifty centimetre) long and rubber plug of following sizes for sink or wash basin complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	6 Numbers			Each	
42	Providing and fixing G.I. Inlet connection for flush pipe with W.C. Pan complete as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
TOTAL :-						

Executive Engineer,
H.P.W.D. Division,
Janda at W. P. Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499174.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT : TWO MONTHS

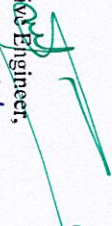
NAME OF WORK :- Special repair to Super Speciality Block in Dr. R.P. Govt. Medical College at Tanda in Dist. Kangra (H.P.) **DEPOSIT WORK**

SUB-HEAD :- Providing and fixing aluminium work, pre-laminated board etc; in right and left side ONCO Slip Counter area, Dispensary area in ground floor for SSB Block.

Sr. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Providing and fixing anodised/colour coated aluminium 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 heading for glazing/panelling 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.	23.52 Kilograms	3	4	6	7
2	Providing and fixing anodised/colour coated aluminium 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 heading 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 as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	29.76 Kilograms			Per kilo-gram	
3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partition etc with PVC/Neoprens gasket etc. complete as per the architectural drawings and the directions of Engineer-In-charge (cost of aluminium snap heading shall be paid in basic item.) Glazing with glass panes of 6mm/Six millimetres) thickness (weight not less than 13.75 kg/sqm (Thirteen point seventy five kilograms/square metre) Modi guard or its equivalent and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	4.92 Square metres			Per square metre	

4	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete including entire carriage of materials within all leads, lifts and other incidentals	6 Numbers			Each	
	i) 300x16mm size (Three hundred into sixteen millimetres) nominal size	4 Numbers			Each	
	ii) 250x16mm (Two hundred fifty into sixteen millimetres) nominal size	6 Numbers			Each	
5	Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (barrel type) anodized transparent or dyed to required shade and colour with screws etc. complete as per direction Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	6 Numbers			Each	
	i) 200x10mm (Two hundred into sixteen millimetres) nominal size	6 Numbers			Each	
	ii) 250x16mm (Two hundred fifty into sixteen millimetres) nominal size	6 Numbers			Each	
6	Providing and fixing aluminium handles anodized transparent or dyed to required colour or shade with necessary screws etc. 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.	8 Numbers			Each	
	i) 125mm (One hundred twenty five millimetres) nominal size	8 Numbers			Each	
	ii) 100mm (One hundred millimetres) nominal size	8 Numbers			Each	
7	Providing and fixing 100mm (One hundred millimetres) bright finished brass door stopper with rubber cushion screws etc to suit shutter thickness complete and as per direction of the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
8	Providing and fixing 150mm (One hundred fifty millimetre) M.S. double acting spring hinges bright finished with necessary screws etc. complete. 150 mm and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
9	Providing and fixing 12mm (Twelve millimetres) thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	4.92 Square metres			Per square metre	
10	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	1798.50 Square metres			Per square metre	

11	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.	1798.50 Square metres			Per square metre	
12	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.	3595.00 Square metres			Per square metre	
13	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 than white as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals	410.24 Square metres			Per square metre.	
14	Providing and fixing 2mm (Two millimetres) thick seamless and dissipative homogenous VIP Conductive ESD control Vinyl tile flooring in size 600x600mm (Six hundred in six hundred millimetres) of approved colour of LG of its equivalent with polyurethane conductive adhesive. The joint of tile floor shall be given U shaped groove with the grooving machine to insert welding bars. The tile joints shall further be welded by heat fusion process to get seamless floor. The projected welding bars shall be trimmed with the crescent shaped knife and attached sledge so that it should flush with flooring. The edge of the skirting shall be sealed with sealant of approved make. Copper grounding strips 0.5mm (Zero point five millimetres) thick & 25mm (Twenty five millimetres) wide shall be laid on the floor below tiles in the adhesive in the border and crossed junction and connect to copper wire of grounding. The tile flooring should have an electrical resistance of 2.5x10 ⁷ to 2.5x10 ⁹ (Two point one into 10 inches to Two point one into 10 inches) ohms as per DIN 51953, ASTM F 150 or NEPA 99 BI class of fire resistance and should meet UL standard 799 standard for electrically conductive flooring as approved. e) laid with cement mortar 1:6 (1 cement : 6 sand) i/c curing complete in super structure upto floor two level complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	28.80 Square metres			Per Square metre	
TOTAL :-						


 Executive Engineer,
 HP PWD Division,
 Tanda at Nagrota Bagwan

Schedule of Quantity

ESTIMATED COST :- ₹ 294494.00
 EARNEST MONEY :- ₹ 5900.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Ambulance road towards Harizan Basti Tikka Tikari in G.P. Sunhi in Distt. Kangra (H.P.) (Under MLALAD Deposit).
SUB HEAD :- Construction of Edge wall at RD 0/000 to 0/015, providing and laying cement concrete pavement at RD 0/000 to 0/095

S. No.	Quantity	Rate		Unit	Amount
		In fig.	In words		
1	3	4	5	6	7
1	7.59			Per cubic metre	
2	13.67			Per cubic metre	
3	6.80			Per running metre	
4	5.40			Per cubic metre	
5	17.96			Per cubic metre	
6	34.91			Per cubic metre	
TOTAL :-					

Executive Engineer,
 H.P.P.W.D. Division,

1/10/2018

Schedule of Quantity

ESTIMATED COST :- ₹ 254205.00
 EARNEST MONEY :- ₹ 5100.00
 TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of various roads under Nagrota Constituency in Distt. Kangra (H.P.) (Under Deposit MLALAD).

SUB HEAD :- Construction of link road from Main road Sunli Kerta to Diltman Basti in Gram Panchayat Sunli by providing and laying cement concrete pavement road in Km 0/000 to 0/080

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimeters) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	18.90			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge.	37.80			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY


NAME OF WORK :- Construction of Bandi Matyari Munia Galla Kasharhar road Km 0/000 to 3/600 in Distt. Kangra (H.P.).

SUB-HEAD :- Construction of Roundabout near Junction.

ESTIMATED COST :- ₹ 498532.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- TWO MONTHS

S. 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 rammimg 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 cartage of materials within all leads, lifts and other incidentals.	3	4	5	6	7
2	Providing and laying of wearing including spreading and compacting stone aggregate 63mm to 45mm (Sixty three millimetres to Forty five millimetres) with broken or crushed stone aggregate in base course of water bound specifications including shoring and spreading to template in uniform thickness and consolidating with power vibrating roller of 8-10 (Eight-ten) tone in stage and compacted thickness of 75mm (Seventy five) to proper gradient and camber applying screening and moorum materials to fill up the interstices of course aggregate watering and rolling making necessary earthen bound to protect edges/burns and preparations of shoulders by providing necessary earth filling including watering rammimg and rolling to the desired camber/super elevation complete, lighting, guarding barricading and maintenance of diversions etcetera complete in all respect including application of screening and as per the directions of Engineer-in-charge, within all leads, lifts of materials and other incidentals.	3.33			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 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size PCC Grade (M-20) (M-twenty) nominal mix complete as per drawing and HP.PWD technical specifications and as directed by Engineer-in-charge including cartage of material within all leads, lifts and other incidentals.	6.28			Per cubic metre	
4	Structural steel work of Tata / Sail / Reliance / Jindal riveted, bolted or welded in built up sections, trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cartage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	185.00			Per kilo-gram	
5	Providing and laying Polishd Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing and moulding in single/double layer etc; all complete as specified and as directed by the Engineer-in-Charge Polishd Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent including cartage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	7.15			Per square metre	

6	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	9.15 Cubic metres			Per cubic metre		
7	Applying priming coat over new steel & other metal surfaces after & including preparing the surface by thoroughly cleaning oil grease dirt and other foreign matter and scoured with wire brushes fine steel wool scrapers and sand paper complete with ready mixed priming paint brushing red lead, Red-oxide/zinc oxide chrome. within all leads, lifts of materials and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	15.13 Square metres			Per square metre		
8	Painting steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture as per specifications, drawing and design including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	15.13 Square metres			Per square metre		
9	Providing and installation marble/granite Satop of minimum height upto 4 ft. to 5 ft. (Four feet to five feet) of white Makrana marble/Black granite alongwith necessary fitting with polishing/painting complete and as directed by the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	1 Number			Each		
10	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.	50.85 Cubic metres			Per cubic metre		
11	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 (1V):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.	12.00 Running metres			Per running metre		
12	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.	7.50 Cubic metres			Per cubic metre		
13	Construction of embankment with approved materials obtained from borrow pits with a lift upto 1.5m (One point five meters) transport to silt spreading grading to required slope and compacted to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000m (One thousand meters) as per Technical Specification Clause 301.5, including entire carriage of materials within all leads, lifts and other incidentals.	50.15 Cubic metres			Per cubic metre		
Total :-							

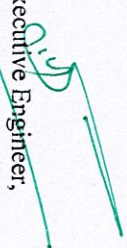

 Executive Engineer,
 H.P.P.W.D., Division,
 Tanda at Nagaria Bagwan

Schedule of Quantity

ESTIMATED COST :- ₹ 143564.00
 EARNEST MONEY :- ₹ 2900.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK :- Construction of link road from Mundla to Tikka Dhar to link road village Lilly and Amtar Km 2/900 to 5/660 in Distt. Kangra (H.P.)
SUB-HEAD :- Formation cutting in Km 4/085 to 4/150.

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>75.10 Cum (Seventy five point ten) 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.</u>	551.85			Per cubic metre	

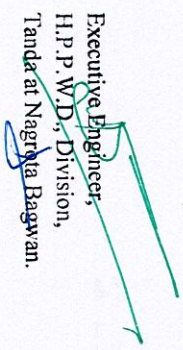

 Executive Engineer,
 H.P.P.W.D., Division,
 Tanda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST :- Rs. 179982.00
 EARNEST MONEY :- Rs. 3600.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on link road from Sadoon Kandi road Km 0/000 to 20/000 in Distt Kangra (HP)
SUB HEAD :- Improvement of road width by providing Retaining wall at RD 122/285 to 123/300 (Under Deposit).

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 rramming 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.	12.42 Cubic meters			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (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.	44.27 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.	19.00 Running metres			Per running metre	
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-In-charge including carriage of material within all leads, lifts and other incidentals.	9.26 Cubic metres			Per cubic metre	
TOTAL :-						


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


Schedule of Quantity

NAME OF WORK :- Construction of Thana Bargran Busal road Km 0/000 to 5/000 in Distt. Kangra (H.P.)

SUB HEAD :- Improvement of road width by providing Retaining wall in wire cage work at RD 1/650 to 1/675

ESTIMATED COST :- ₹ 496605.00
 EARNEST MONEY :- ₹ 10000.00
 TIME LIMIT :- TWO MONTHS

S. No.	Description of items	Quantity	In fig.	Rate		Unit	Amount
				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	4	5		6	7
2	Providing and making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm (Three point zero millimetres), mechanically edged/self-edged with partitions at every 1m (One metre) interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	179.69				Per cubic metre	
3	Filling available excavated earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth, having total minimum compacted thickness 30 cm or as decided by Engineer-in-charge, including compacting each layer by rolling/ramming and watering, all complete as per drawing and direction of Engineer-in-charge as per drawing and HP.P.W.D technical specifications and as directed by Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	45.00				Per cubic metre	
TOTAL :-							



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

Schedule of Quantity

ESTIMATED COST :- Rs. 497727.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of link road to Tikka Khanog in Distt. Kangra (H.P.)
SUB HEAD :- Providing & laying cement concrete pavement road at various reaches between Km 0/00 to 0/500.


S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1		3	4	5	6	7
4	Providing, laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand packing, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages tp proper grade and camber, applying and brooming requisite type of screening/binding material to fill up interstices of coarse aggregate, watering and compacting to the required density Grading-2 (Two) 63mm to 45mm (Sixty three millimetres to forty five millimetres) size stone aggregate complete within all leads, lifts, carriage of material and other incidental charge.	37.56			Per Cubic metres	
2	Providing and laying cement concrete 1:2:4 (One Cement : two coarse sand) : four graded stone aggregate 40 mm (Forty millimetres) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete within all leads, lifts, carriage of material and other incidental charge.	75.13			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

NAME OF WORK :- 1)C/O PANDOL CHAKBAN SAROTRI BEREHAD KATRA ROAD INCLUDING 2NO.BRIDGE BARDI KHAD KMS 0/000 TO 6/000		ESTIMATED COST:-	486,500.00			
2) C/O KUFFERI BADDHAR TO MATAI BALOL ROAD KM 0/000 TO 3/500		EARNEST MONEY:-	9,750.00			
3) HYDRAULIC DATA OF 25 MTR. SPAN BRIDGE OVER BARDI KHAD ON PANDOL CHAKBAN SAROTRI BEREHAD KATRA ROAD		TIME LIMIT :-	THREE MONTHS			
4) HYDRAULIC DATA OF 50 MTR. SPAN BRIDGE OVER BARDI KHAD ON PANDOL CHAKBAN SAROTRI BEREHAD KATRA ROAD						
5) BRIDGE ESTIMATE OF 25 MTR. SPAN BRIDGE OVER BARDI KHAD ON PANDOL CHAKBAN SAROTRI BEREHAD KATRA ROAD						
6) BRIDGE ESTIMATE OF 50 MTR. SPAN BRIDGE OVER BARDI KHAD ON PANDOL CHAKBAN SAROTRI BEREHAD KATRA ROAD						
SUB HEAD : PREPARATION OF DPR & HYDRAULIC DATA						
SR. NO.	DESCRIPTION OF ITEMS	NO./ QTY./ JOB	ESTIMATED RATE (IN RS.)	ESTIMATED RATE IN WORDS	UNIT	TOTAL AMOUNT INCLUSIVE OF ALL TAXES IN RS.
1	PREPARATION OF DETAILED PROJECT REPORT AND DRAWING COMPLETE IN ALL RESPECT IN MANUSCRIPT FROM AND SUBMISSION OF THE SAME TO HIGHER OFFICE FOR APPROVAL. IF ANY CORRECTION / AMENDMENT HAS DESIRED BY THE HEAD OFFICE. THE SAME MAY BE CORRECTED AS DESIRED AND DIRECTED BY THE ENGINEER - IN - CHARGE COMPLETE IN ALL RESPECT. AFTER APPROVAL, THE SAME SHOULD BE SUBMITTED IN SIX NOS. SET OF FAIR COPY ALONGWITH 03 SET OF DRAWINGS (MANUSCRIPT INCLUDED). THE PAYMENT EXCLUDES ANY KIND OF SOIL INVESTIGATIONS AND SHALL BE MADE AS PER ACTUAL LENGTH OF ROAD.	9.500			Kms	
2	PREPARATION OF HYDRAULIC DATA COMPLETE IN ALL RESPECT IN MANUSCRIPT FORM AND SUBMISSION OF THE SAME IN HIGHER OFFICE FOR APPROVAL. IF ANY CORRECTION/AMENDMENT HAS DESIRED BY THE HEAD OFFICE THE SAME MAY BE CORRECTED AS DESIRED AND DIRECTED BY THE ENGINEER-IN-CHARGE AND HIGHER OFFICE COMPLETE IN ALL RESPECT, AFTER APPROVAL OF THE HYDRAULIC DATA FROM THE HIGHER OFFICE, THE SAME WILL BE SUBMITTED IN FAIR SHAPE TO THIS OFFICE IN TWO NUMBERS OF COPIES AND PAYMENT SHALL BE MADE AFTER THE APPROVAL OF THE SAME BY THE HIGHER OFFICE. THE RATE SHALL BE INCLUSIVE OF ALL TAXES IMPOSED BY THE GOVERNMENT.	2.000			Nos	

SR. NO.	DESCRIPTION OF ITEMS	NO. / QTY. / JOB	ESTIMATED RATE (IN RS.)	ESTIMATED RATE IN WORDS	UNIT	TOTAL AMOUNT INCLUSIVE OF ALL TAXES IN RS.
3	PREPARATION OF BRIDGE ESTIMATE IN SHAPE OF MANUSCRIPT ALONG WITH DRAWING WHICH INCLUDE THE FOLLOWING PROVISION AS GIVEN BELOW :- AND DRAWING COMPLETE IN ALL RESPECT IN MANUSCRIPT FROM AND SUBMISSION OF THE SAME TO HIGHER OFFICE FOR APPROVAL. IF ANY CORRECTION / AMENDMENT HAS DESIRED BY THE HEAD OFFICE. THE SAME MAY BE CORRECTED AS DESIRED AND DIRECTED BY THE ENGINEER - IN - CHARGE COMPLETE IN ALL RESPECT. AFTER APPROVAL, THE SAME SHOULD BE SUBMITTED IN TWO NO. SET OF FAIR DPR AND DRAWING AGAIN IF ANY CORRECTION / AMENDMENT AS DESIRED BY HEAD OFFICES.	2.000			Nos	
					TOTAL	


 EXECUTIVE ENGINEER
 TANDA DIVISION
 HPPWD TANDA