

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

Sealed item rate tender on form No. 6 & 8 are hereby invited by the Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan on behalf of Governor of Himachal Pradesh for the following work from the approved and eligible contractors enlisted in HP PWD (B & R) whose registration stood renewed as per revised rules so as to reach in his office on or before on 09.09.2022 up to 11:00 A.M. And the same shall be opened on the same day at 11:30 A.M. in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on 08.09.2022 up to 4:00 P.M and the application for issue of tender form shall be received on 07.09.2022 up to 12:00 noon. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

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

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Special repair to Senior Girls Hostel in Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Providing and laying interlocking paver block in front side)	499629/-	10000/-	Three months
2	Construction of Ambulance road to village Kerta Km 0/000 to 0/300 in Distt Kangra (HP) (Deposit work) (SH:-Removal formation deficiencies, C/O Retaining wall /Edge walls and providing and laying cement concrete pavement road in different reaches between Km 0/000 to 0/140)	499223/-	10000/-	Three months
3	Construction of link road NH Lakhdata Nihargalwa Dardi Ladret in Distt Kangra (HP) (SH:- Removal of formation deficiencies by formation cutting from Km 0/500 to 1/000 and construction of RCC Hume pipe culvert 900mm dia alongwith wing walls at RD 0/300)	499370/-	10000/-	Three months
4	Restoration of rain damages on Kufri Patialkar Khas Thana Chhanwar Rounkhar road Km 0/000 to 4/800 in Distt Kangra (HP) (SH:-Removal of slip in various RDs)	318716/-	6400/-	One month
5	Construction of Ambulance road to village Kerta Km 0/000 to 0/300 in Distt Kangra (HP) Deposit work (SH:-Removal formation deficiencies, C/O retaining wall/ Edge walls and providing and laying cement concrete pavement road in different reaches between Km 0/140 to 0/275).	499223/-	10000/-	Three months
6	Restoration of rain damages on Kufri Patiyalkar road Km 0/000 to 4/800 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/390 to 0/420).	308539/-	6200/-	Two months
7	Construction of Pucca path from main road to Baldev Singh well in G.P. Ratiyar in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road in Km 0/000 to 0/049) (Deposit work)	149327/-	3000/-	Two months
8	Construction of Indoor Hall at Nagrota Bagwan in Distt Kangra (HP) Deposit work (SH:- Construction of Toilet Block etc.)	489805/-	9800/-	Three months
9	Special repair to Assistant Engineer Office in HP PWD Sub Division Tanda in Distt Kangra (HP) (SH:-Dismantling of tile flooring repair of plaster P/F floor tiles, wall tiles aluminium work and WS & SI etc Ground floor and first floor)	495241/-	9950/-	Three months
10	Construction of Rajiana Churan Surani Jhag road in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 5/900 to 5/912 (Construction of vented cause way at RD 6/185, Extension of existing RCC Hume pipe culvert at RD 6/245 and Construction of cement concrete causeway at RD 6/254 to 6/290).	499542/-	10000/-	Three months
11	Construction of link road from Sunehar Mundla Daulatpur road to Kufar-Di-Bar in Gram Panchayat Sakout in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road in Km 0/000 to 0/164).	499875/-	10000/-	Three months
12	Construction of Jandrah Aerla Dda Kardiana road in Distt Kangra (HP) (Deposit work). (SH:- Providing and laying soling and wearing in Km 4/150 to 16/250).	450752/-	9050/-	Three months
13	Construction of link road to village Ghorab in Distt Kangra (HP) (SH :-Providing and laying cement concrete pavement at RD 0/000 to 0/170)	499992/-	10000/-	Three months

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

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

HIMSUCHANA AVAM & JAN SAMPARK

(On behalf of Governor of Himachal Pradesh)

No.PW/NBD/Tender/2022/

8092-8121

Dated/ 25-8-2022

Copy to the following for information and necessary action:-

- The Principal Secy. (PW) to the Govt. of H.P. Shimla.
- The Engineer-in-Chief, HPPWD, Shimla.
- The Chief Engineer (KZ), HPPWD, Dharamshala.
- The Director, Information & Publications Department, H.P. Shimla
- The Superintending Engineer, 5th Circle, HPPWD, Palampur.
- The Principal, Dr. RPGMC, Tanda.
- The Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the departmental website.
- The Deputy Commissioner, Kangra at Dharamshala.
- All the S.E.s/E.E.s under North Zone.
- The Sub-Divisional Officer (C) Nagrota Bagwan.
- The Block Development Office Nagrota Bagwan
- All the Assistant Engineer under this Division.
- The Drawing /Accounts Branch in this office.
- The Contractors concerned.
- Notice Board.

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499629.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT : THREE MONTH

NAME OF WORK :- Special repair to Senior Girls Hostel in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.).
SUB-HEAD :- Providing and laying interlocking paver block in front side.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, upto any lead All kinds of soil complete as per architectural drawings complete and as per direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	38.18 Cubic metres			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	34.09 Cubic metres			Per cubic metre	
3	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads and lifts and other incidentals.	1.14 Cubic metres			Per cubic metre	
4	Providing and laying 60mm thick cement concrete paver block of M-35 grade of with approved colour, design & pattern/factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour and 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 locking NTC/ GDC/Atlantica make including 4mm (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) of as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge complete and as per direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	310.49 Square metres			Per square metre	
TOTAL :-						

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


Schedule of Quantity

ESTIMATED COST: - Rs. 499223.00
EARNEST MONEY: - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Ambulance Road to village Kerta Km 0/000 to 0/300 in Dist. Kangra (H.P.). Deposit work
SUB HEAD :- Removal of formation deficiencies, C/O Retaining wall/ Edeq walls and providing and laying cement concrete pavement road in different reaches between Km 0/000 to 0/140.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In figs.	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 7.22 cubic metres quantity at the rate of 300/- 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, as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	72.20 Cubic meters			Per cubic metre	
2	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	32.66 Cubic meters			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and H.P.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	61.40 Cubic metres			Per cubic metre	

4	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.	35.46	Running metres			Per running metre	
5	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.	22.98	Cubic metres			Per cubic metre	
3	Filling with available fly ash and earth 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 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.	76.95	Cubic metres			Per cubic metre	
6	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.	16.54	Cubic metres			Per Cubic metres	
7	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	33.10	Cubic metres			Per cubic metre	
TOTAL :-							


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


SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 499370.00
EARNEST MONEY : - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road NH Lakhdatta Nihargalwa Dardi Ladret in Dist. Kangra (H.P.)
SUB-HEAD :- Removal of formation deficiencies by Formation cutting from Km 0/500 to 1/000 and Construction of RCC Hume pipe culvert 900 mm dia alongwith wing walls at RD 0/300.

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 121.37 Cum (One hundred twenty one point thirty seven) 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.	1378.35			Per cubic metre	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead and lift, dressing of sides and bottom and back filling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	49.53			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 1:3:6 (One cement : Three coarse sand : Six 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.	2.80			Per cubic metre	
4	Providing and laying Plain/reinforced cement concrete PCC Grade M-15(Fifteen) 1:2.5:5 (one cement : two point five sand : five graded crushed stone aggregate 20mm (twenty millimetre) nominal size in open foundation and curing complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	12.16			Per cubic metre	

5	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.P.W.D technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	41.50 Cubic metres				Per cubic metre	
6	Providing and laying (to level or slope) 900mm dia (Nine hundred millimeter) diametres reinforced cement concrete pipe non-pressure NP-2 class (light duty) for culverts on first class bedding or granular material in single row including fixing collar jointed with stiff mixture of cement mortar 1 : 2 (One cement : Two sand) including testing of joints but excluding the cost of excavation, protection works, back filling, concrete and masonry work in head walls and parapets as per drawing and M.O.R.D. technical specifications Clause 1106 and as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.	5.00 Running metres				Per Running metre	
7	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	9.60 Running metre				Per running metre	
8	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	15.80 Cubic metres				Per cubic metre	
9	Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm (Fifteen centimetre), with intermediate layer of compacted earth (Soil density of 98% (Ninety eight percent) 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 (Thirty centimetre) 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.	4.15 Cubic metres				Per cubic metre	
TOTAL:-							

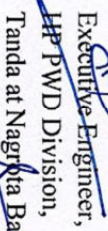

 Executive Engineer,
 H.P.P.W.D., Division,
 Tanda at Nagrota Bagwan

Schedule of Quantity

ESTIMATED COST :- ₹ 318716.00
EARNEST MONEY :- ₹ 6400.00
TIME LIMIT : ONE MONTH

NAME OF WORK :- Restoration of rain damages on Kufri Patalkar Khas Thana Chhanwar Rounkhar road Km 0/000 to 4/800 in Distt. Kangra (H.P.).
SUB-HEAD :- Removal of slips in various RDs.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut materials within lift upto 1.50mts(One decimal fifty meters) and lead upto 1000 mtrs (One thousand metres) as per technical specifications 302.3.5 and 1611 complete including entire carriage of materials within all leads, lifts and other incidentals.	3 4227.00 Cubic meters	4	5	6 Per cubic metre	7
TOTAL :-						


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

Schedule of Quantity

ESTIMATED COST: - Rs. 499223.00
EARNEST MONEY: - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Ambulance Road to village Kerta Km 0/000 to 0/300 in Distt. Kangra (H.P.). Deposit work
SUB HEAD :- Removal of formation deficiencies, C/O Retaining wall/ Edeg walls and providing and laying cement concrete pavement road in different reaches between Km 0/140 to 0/275.

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 7.22 cubic metres quantity at the rate of 300/- 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, as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	72.20 Cubic meters			Per cubic metre	
2	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	32.66 Cubic meters			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	61.40 Cubic metres			Per cubic metre	

4	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.	35.46	Running metres			Per running metre	
5	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.	22.98	Cubic metres			Per cubic metre	
3	Filling with available fly ash and earth 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 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.	76.95	Cubic metres			Per cubic metre	
6	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 incidentals.	16.54	Cubic metres			Per Cubic metres	
7	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	33.10	Cubic metres			Per cubic metre	
TOTAL :-							

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

Schedule of Quantity

ESTIMATED COST :- Rs. 308539.00
EARNEST MONEY :- Rs. 6200.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Restoration of rain damages on Kufri Paliyalkar road Km 0/000 to 4/800 in Distt. Kangra (H.P.).
SUB HEAD :- Construction of Retaining wall at RD 0/390 to 0/420

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.	41.70 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-Incharge including carriage of material within all leads, lifts and other incidentals.	72.40 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	34.00 Running metres			Per running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	20.70 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST:- Rs. 149327.00
EARNEST MONEY:- Rs. 3000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Pucca Path from main road to Baldev Singh Well in G.P. Ratiyar in Dist. Kangra (H.P.).
SUB HEAD :- Providing and laying cement concrete pavement road in Km 0/000 to 0/049 (Deposited Work)

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) 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 sqn (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.	11.58 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	23.15 Cubic metres			Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

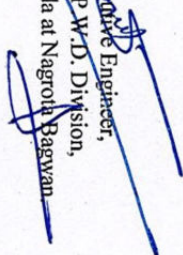
NAME OF WORK :- Construction of Indoor Hall at Nagrota Bagwan in Dist. Kangra (H.P.) (DEPOSIT WORK).

SUB-HEAD :- Construction of Toilet Block etc;

ESTIMATED COST :- ₹ 489805.00
EARNEST MONEY :- ₹ 4200.00
TIME LIMIT :- THREE MONTHS

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Providing and fixing 0.60mm (Zero decimal Six Zero millimetres) thick prepainted sheet Tata/Shakti or equivalent in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 10 (Ten) microns over 5 (Five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts 6mm (Six millimetres) diameters with pre-painted limpet and rubber washers complete with all accessories as required including carriage of materials within all leads and lifts and other incidentals as per approved architectural drawing, design and specification as directed by the Engineer-in-Charge	3 108.00 Square metres	4	5	6 Per square metre	7
2	Structural steel work of Tata / Sail / Reliance/Jindal riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	1764.00 Kilograms			Per kilo gram	
3	Providing and fixing M.S. B.P. sheet 1.66 mm to 2mm thick in eaves board/facia/soffits/ ceiling including cutting, Fixing and welding to seal roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately) complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	48.00 Square metres			Per square metre	
4	Supplying and fixing 4.0 mm (Four point zero millimetres) thick Plain Glass panes with putty and nails including removal of broken glass panes wherever necessary as directed by the Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals.	35.64 Square metres			Per square metre	
5	Providing and fixing 12mm 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 one side and balancing lamination on other side.	48.00 Square Metre			Per square metre	
6	Providing and fixing 125mm (One hundred twenty five millimetres) nominal size aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) 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 approved drawing, design, specifications and as directed by the Engineer-In-charge.	12 Numbers			Each	
7	Providing and fixing 150x10mm (One hundred fifty into ten millimetres) nominal size aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) 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 approved drawing, design, specifications and as directed by the Engineer-In-charge.	24 Numbers			Each	
8	Providing and fixing 250x16mm (Two hundred fifty into Sixteen millimetres) size aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etcetera 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.	7 Numbers			Each	

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
9	Providing and fixing 200mm (Two hundred millimetre) bright finished brass hard drawn hooks and eyes including necessary fitting 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.	12 Numbers			Each	
10	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, Twin rubber stopper with necessary screws etc. complete. as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	10 Numbers			Each	
11	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.	4 Numbers			Each	
TOTAL :-						


 Executive Engineer,
 H.P.P. W.D. Division,
 Pinda at Nagroli Bagwan

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 495241.00
EARNEST MONEY :- ₹ 9950.00
TIME LIMIT :- THREE MONTHS

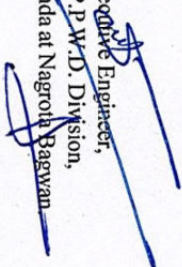
NAME OF WORK :- Special repair to Assistant Engineer Office in HP PWD Sub Division Tanda in Dist. Kangra (H.P.)
SUB-HEAD :- Dismantling of the flooring, repair of plaster, P/F floor tiles, wall tiles, aluminium work and W.S. & S.I. etc. in Ground floor and First floor.

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/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	3 90.80 Square metres	4	5	6 Per Square metre	7
2	2 Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (Fifty) metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	6.05 Cubic metres			Per Cubic metre	
3	3 Dismantling brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 (Fifty) metres lead as per direction of Engineer-in-charge In cement mortar complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	4.10 Cubic metres			Per Cubic metre	
4	4 Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhat, architrave, holdfasts etc. complete and stacking within 50 (Fifty) metres lead Of area 3 (Three) sq. metres and below complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	1 Number			Each	
5	5 Repairs to plaster of thickness 12mm (Twelve millimetres) to 20 mm (Twenty millimetres) in patches of area 2.5 (Two point five) sq meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in- Charge with cement mortar 1:4 (1 cement : 4 fine sand) complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	32.20 Square metres			Per Square metre	
6	6 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) For doors windows and ventilators and glazed partitions frames complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	60.80 Kilograms			Per Kilo gram	
7	7 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron) complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	55.40 Kilograms			Per Kilo gram	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
8	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item) With float glass panes of 5 mm (Five millimetres) thickness (weight not less than 12.50 (Twelve point fifty) kg/ sqm) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	6.05 Square metres			Per Square metre	
9	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm (One point four millimetres) in both directions with wire of dia 0.63 mm (Zero point sixty three millimetres) all complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2.31 Square metres			Per Square metre	
10	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
1	300x10mm (Three hundred into ten millimetres)	12 Numbers			Each	
#	250x10mm (Two hundred fifty into ten millimetres)	14 Numbers			Each	
11	Providing and fixing anodized aluminium tower bolts (barrel type anodized transparent or dyed to required shade and colour with screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
1	200x10mm (Two hundred into ten millimetres)	10 Numbers			Each	
#	250x10mm (Two hundred fifty into ten millimetres)	12 Numbers			Each	
12	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
1	125mm (One hundred twenty five millimetres)	14 Numbers			Each	
#	100 mm (One hundred millimetres)	12 Numbers			Each	
13	Providing and fixing 100mm (One hundred millimetres) bright finished brass floor door stopper with rubber cushion screws etc. to suit shutter thickness complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	7 Numbers			Each	
15	Brick work using second class common burnt clay building bricks in Super-structure above plinth level up to floor two level in cement mortar 1:6 (1 cement: 6 sand) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2.37 Cubic metres			Per Cubic metre	
16	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	80.00 Kilograms			Per Kilogram	
17	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	1190.60 Kilograms			Per Kilogram	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
18	Providing and laying 15 to 20 mm (fifteen to twenty millimetres) thick granite stone in flooring 20 mm (Fifteen to Twenty millimetres) (average) thickness base of cement mortar 1:3 (One cement : Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing, polishing and moulding in single or double layer complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidental.	6.95 Square metres			Per Square metre	
19	Removing dry or oil bound disemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	1080.05 Square metres			Per Square metre	
20	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	420.60 Square metres			Per Square metre	
21	Wall painting (Two coat) with plastic emulsion paint of approved brand and manufacturer 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 marking the surface complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	111.15 Square metres			Per Square metre	
22	Painting two coats (excluding priming coat) on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all dirt, dust and other foreign matter, sand papering and stopping:- With paint other than white complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	129.26 Square metres			Per Square metre	
23	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 ltr/10 sqm (One point sixty seven litres/ten square metres) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) (Two point twenty kilograms/ten square metres) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	310.60 Square metres			Per Square metre	
24	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing, with seal ring conforming to IS : 5382, leaving 10 mm (Ten millimetres) gap for thermal expansion, (i) Single socketed pipes complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.					
i	100mm (One hundred millimetres) dia pipes	24.00 Running metres			Per Running metre	
ii	150mm (One hundred fifty millimetres) dia pipes	22.00 Running metres			Per Running metre	
25	Providing and fixing Single tee with door 110x110x110 mm (One hundred ten into one hundred ten into one hundred ten millimetres)	8 Numbers			Each	
26	Providing and fixing Single tee without door					
i	110x110x110 mm (One hundred ten into one hundred ten into one hundred ten millimetres)	8 Numbers			Each	
ii	Bend 110 mm (One hundred ten millimetres) bend	8 Numbers			Each	
27	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	8 Numbers			Each	

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
28	Providing and fixing 12mm (Twelve millimetres) thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in 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 and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	3.60 Square metres			Per Square metre	
29	Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	22.00 Running metres			Per Running metre	
30	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste pipe for wash basin or sink ISI make complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	10 Numbers			Each	
31	Providing and fixing urinal pot including fitting fitting complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	1 Number			Each	
32	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: Stainless Steel AISI-304(18/8) Round basin 405x335 mm (Four hundred five into three hundred fifty five millimetres) with single 15 mm (Fifteen millimetres) C.P. brass pillar tap complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
33	Providing and fixing 500 (Five hundred litres) litres net capacity tank PVC water storage tank of ISI : 9001 : 2008 marked, Activia G.I. inlet and outlet connection, 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all height above ground level complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	1 Number			Each	
34	Providing and fixing 6 mm (Six millimetres) thick plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets) to be measured and paid for separately complete and as directed by the Engineer- in-Charge including carriage of materials within all leads, lifts and other incidentals.	122.35 Square metres			Per square metre	
TOTAL :-						


 Executive Engineer,
 H.P.P.W.-D. Divyision,
 Tanda at Nagrota Bagyan


SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 499542.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Rajiana Churan Surani Jhang road in Distt. Kangra (H.P.)
SUB-HEAD :- Construction of Retaining wall at RD 5/900 to 5/912, Construction of vented cause way at RD 6/185, Extension of existing RCC Hume pipe culvert at RD 6/245 and Construction of Cement Concrete causeway at RD 6/254 TO 6/290

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead and lift, dressing of sides and bottom and back filling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	35.21			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 1:3:6 (One cement : Three coarse sand : Six 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.	12.09			Per cubic metre	
3	Providing and laying Plain/reinforced cement concrete PCC Grade M-15(Fifteen) 1:2.5:5 (one cement : two point five sand : five graded crushed stone aggregate 20mm (twenty millimetre) nominal size in open foundation and curing complete as per drawings and technical specification Clauses 802, 803, 1202 and 1203 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18.60			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 1:5:10 (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.	44.33			Per cubic metre	
5	Providing and laying (to level or slope) 900mm dia (Nine hundred millimeter) diametres reinforced cement concrete pipe non-pressure NP-2 class (light duty) for culverts on first class bedding or granular material in single row including fixing collar jointed with stiff mixture of cement mortar 1 : 2 (One cement : Two sand) including testing of joints but excluding the cost of excavation, protection works, back filling, concrete and masonry work in head walls and parapets as per drawing and M.O.R.D. technical specifications Clause 1106 and as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.	17.50			Per Running metre	

6	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.	14.26	Running metre	Per running metre	
7	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-In-charge including carriage of materials within all leads, lifts and other incidentals.	22.75	Cubic metres	Per cubic metre	
8	Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm (Fifteen centimetre), with intermediate layer of compacted earth (Soil density of 98% (Ninety eight percent) 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 (Thirty centimetre) 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.	27.28	Cubic meters	Per cubic metre	
9	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.	6.14	Cubic metres	Per Cubic metres	
10	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads and lifts and other incidentals.	12.29	Cubic meters	Per cubic metre	
TOTAL:-					


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

Schedule of Quantity

ESTIMATED COST:- Rs. 499875.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :-

Construction of link road from Sunehar Mundla Daulapur road to Kufar-Di-Bar in Gram Panchayat Sakout in Distt. Kangra (H.P.).

SUB HEAD :-

Providing and laying cement concrete pavement road in Km 0/000 to 0/164

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) 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.	38.75			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals.	77.50			Per cubic metre	
TOTAL :-						

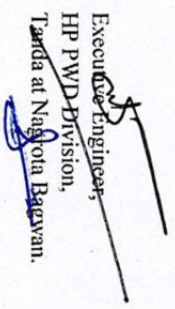
Executive Engineer,
HP PWD Division,
Tanda at Nagroa Bagwan.

Schedule of Quantity

ESTIMATED COST :- Rs. 450752.00
 EARNEST MONEY :- Rs. 9050.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Jandrah Aerla Dola Kardiana road in Dist. Kangra (H.P.). Deposit work.
SUB HEAD :- Providing and laying soling and wearing in Km 14/150 to 16/250

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregate of size 90mm to 45mm (Ninety millimeter to forty five millimeter) Grading-I 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 canber 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.	121.30 Cubic metres			Per Cubic metres	
2	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and canber 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.	119.13 Cubic metres			Per Cubic metres	
TOTAL :-						


 Executive Engineer,
 HP PWD Division,
 Tarda at Nagrota Bagawan.

SCHEDULE OF QUANTITY

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

SUB-HEAD :- Providing and laying Cement Concrete Pavement at RD 0/000 to 0/170.

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

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
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.	51.23 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	73.21 Cubic metres			Per cubic metre	
TOTAL:-						

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