



Office of Executive Engineer, Banjar Division ,
Himachal Pradesh Public Works Department Banjar 175123
Phone No.01903-221031 Fax: 01903-221031No:-
PW/Banjar/CB/Tender/2023- 26588-617 Dated:- 27/6/2023

To

The Executive Engineer (I.T. Cell),
o/o Engineer-in-Chief,
HPPWD. Nigam Bihar Shimla -171002.

Subject :- Publishing of Notice Inviting Tenders Advertisement.

Enclosed please find herewith Copies of Notice Inviting Tender for the up-loading on department website on or upto 04.03.2024 as per notification issued by Secretary (PW) to the Govt. of HP Shimla vide letter No.PBW(S) A(3)1/2020 dated-16.07.2021, as the works mentioned in the Notice is urgent nature of work in the public interest.

Encl:- Notice

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

Copy forwarded to followings for information and necessary action.

The Engineer- in- Chief, HPPWD Shimla-171002.
The Chief Engineer (M Z) HPPWD Mandi.
The Superintending Engineer 6th circle HPPWD Kullu.
All the Contractors enlisted in HPPWD.
The Superintendent, DAO ,HDM of this Office.
Notice Board.

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

Himachal Pradesh
Public works Department
Notice Inviting Tender

Sealed item rate tender on from No. 6 & 8 are hereby invited by the Executive Engineer Banjar Division, HP,PWD, Banjar on behalf of Governor of H.P. from the eligible contractors enlisted in HP,PWD for the following works, so as to reach in this office on or before 07.03.2024 up to 11.00 AM and the tender will be opened on the same day at 11.30AM in the presence of intending contractors or their authorized representatives. The tender forms can be had from this office against cash payment (non-refundable) up to 06.03.2024 at 4.00 PM. The application for issue of tender forms shall be received upto 2.00 PM on 06.03.2024.

The Earnest money in the shape of National Certificate/Time deposit/Saving Account in any of the post office/Saving Bank Account of Nationalized Bank in H.P. duly pledged in favour of Executive Engineer Banjar Division HP, PWD, Banjar must be accompany each tender. Conditional tender and the tender received without earnest money will summarily be rejected. The offer of tender shall remain open for 75 days from the date of opening. The undersigned reserves the right to reject any or all the tenders without assigning any reasons.

All the contractors will have to bring with them attested copy of enlistment/ renewal/ exemption in earnest money. Contractor will be issued the tender forms only when they fulfill the terms and condition of form No. 6 & 8. Contractors should be registered under HP, Sales Tax Act. 1968/GST.

Job No.	Name of Work	Estimated cost	Earnest Money	Time	Cost of form
1	C/O Forest Guard Hut Thras at Garsa in Tharas Beat, Garsa Block of Hurla Range. (SH:- Providing and Fixing water supply and sanitary Installation and & C/O Septic tank).	93461	2000	One Month	350/-
2	C/O Forest Guard Hut Thras at Garsa in Tharas Beat, Garsa Block of Hurla Range. (SH:- Construction of building portion).	424026	8500	Two Months	350/-
3	C/O Forest Guard Hut Thras at Garsa in Tharas Beat, Garsa Block of Hurla Range. (SH:- Site Development and Construction of building portion).	469052	9500	Three Months	350/-
4	C/O Forest Guard Hut Thras at Garsa in Tharas Beat, Garsa Block of Hurla Range. (SH:- Construction of building portion).	481879	10000	One Month	350/-
5	Removal of Formation Deficiency on Sainj Neuli Gartah road Km.0/0 to 10/0. (SH:- Formation Cutting for narrow width at RD-4.685 to 4/880)	499927	10000	Two Months	350/-
6	C/O Ghartgad to Kadahil road Km.0/0 to 1/940. (SH:- C/O PCC Retaining wall at RD-1/630 to 1/655)	485975	9800	Three Months	350/-
7	C/O Ghartgad to Kadahil road Km.0/0 to 1/940. (SH:- C/O PCC Retaining wall at RD-1/570 to to 1/595).	488839	9800	Three Months	350/-
8	A/R and M/O to Junior Engineer residence at Banjar Tehsil Banjar Distt. Kullu. (HP). (SH:- Repair of building portion.) (Job No.1)	496684	10000	Two Months	350/-
9	A/R and M/O to Junior Engineer residence at Banjar Tehsil Banjar Distt. Kullu. (HP). (SH:- Repair of building portion, WS &SI) (Job No.2)	473217	9500	Two Months	350/-
10	A/R and M/O to Junior Engineer residence at Banjar Tehsil Banjar Distt. Kullu. (HP). (SH:- Providing and fixing furniture) (Job No.3)	230269	4700	Two Months	350/-
11	RRD on Sidhwan Godigad road Km.0/0 to 8/0. (SH:- C/O 3.00 metre PCC slab culvert at 6/100).(Job No.3)	363092	9500	Three Month	350/-

12	RRD on Sainj Neuli Gartah road Km.0/0 to 10/0. (SH:- C/O Wire Crated R/wall at RD-0/460 to 0/475)	375333	7600	Three Month	350/-
13	RRD on Sainj Neuli Gartah road Km.0/0 to 10/0. (SH:- C/O Wire Crated R/wall at RD-0/475 to 0/490)	374398	7500	Three Month	350/-
14	RRD on Sainj Neuli Gartah road Km.0/0 to 10/0. (SH:- C/O Wire Crated R/wall at RD-0/490 to 0/505)	377817	7600	Three Month	350/-
15	RRD on Sainj Neuli Gartah road Km.0/0 to 10/0. (SH:- C/O Wire Crated R/wall at RD-0/505 to 0/520)	379007	7600	Three Month	350/-
16	RRD on Sainj Neuli Gartah road Km.0/0 to 10/0. (SH:- C/O Wire Crated R/wall at RD-0/505 to 0/520)	237008	4800	Three Month	350/-
17	Preparation of Layout Plan and cross section for road (i) C/O Sharchi to Basheer road Km.0/0 to 14/200. (ii) C/O Chanon to Tillru road Km.0/0 to 6/700)	382025	8000	One Month	350/-
18	Preparation of Layout Plan and cross section for road (i) C/O Tatta Pani to Khun Silhanu Dhar road Km.0/0 to 9/400. (ii) C/O Damala to Thata Parwari road Km.0/0 to 8/700)	334850	7000	One Month	350/-
19	Preparation of Layout Plan and Cross section for road (i) C/O Bihali to Tipri Dhar road Km.0/0 to 5/030	93055	2000	One Month	350/-
20	Preparation of Layout Plan and Cross section for road (i) C/O Shalwar to Kaliyah road Km.0/0 to 6/0. (ii) C/O Parganoo to Bhallan road Km.9/0 to 15/700. (iii) C/O Shansher Tung to Bagikshiadi road Km.0/0 to 7/0. (iv) C/O Talara to Nonu via Kulagar Km.0/0 to 6/450)	483775	10000	One Month	350/-
21	RRD on Sainj Deori road Km.0/0 to 7/0. (SH:- Removal of slips at various reaches)	499553	10000	15 Days	350/-
22	RRD on Neuli to Shansher road Km.0/0 to 14/00. (SH:- Removal of slips at various reaches)	498612	10000	15 Days	350/-
23	RRD on Neuli to Shansher road Km.0/0 to 14/00. (SH:- Construction of Breast wall at RD-4/820 to 4/845)	432534	9000	One Month	350/-
24	RRD on Neuli to Shansher road Km.0/0 to 14/00. (SH:- Construction of Breast wall at RD-4/495 to 4/510)	432534	9000	One Month	350/-
25	RRD on Suchain to Shangar road Km.0/0 to 8/0. (SH:- Construction of Breast wall at RD- 6/060 to 6/080)	346149	7000	One Month	350/-
26	RRD on Neuli to Shansher road Km.0/0 to 14/00. (SH:- Construction of Retaining wall at RD- 10/0 to 10/910)	206766	4500	One Month	350/-

TERMS AND CONDITIONS :-

The contractors /Bidders must quote their PAN/Income Tax Number/GST No. on the tender along with the copy of the same be attached with the application. The contractor/Firms should attach copy of registration/Renewal with the application, Contractor/Bidder are advised to visit and examine the site where the work are to be carrying out and its surrounding. The contractors/Bidders should quote his rates Both in figure and words. Where there is any discrepancy between the rates in figure and in words. The rates in words will be governed. Contractors/Bidders must inspect the site to ascertain/familiar the site condition accessibility etc. before quoting the bid/tender. Conditional and telegraphic tenders shall not be accepted and rejected straightway. Tenders received after due date and time will be rejected. Executive Engineer reserves the right to reject or all tenders without assigning any reason.

Certificate :- It is certified that the above works are required to be carried out immediately being emergent nature of work in the public interest.

Executive Engineer
Banjar Division,
HP,PWD, Banjar.

SCHEDULE OF QUANTITY

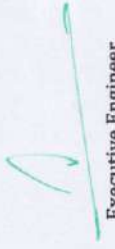
NAME OF WORK:- Construction of Forest Guard Hut Tharas at Garsa in Tharas Beat, Garsa Block of Puria Range
Estimated cost :- 93461.00only
Time :- One month
Earnest Money :- 2000.00 only
(SFL:- Water supply and Sanitary Installation and septik tank)

S. NO.	Description of item	Quantity	Rate including all taxes		Unit	Amount
			In figure	In words		
1	Providing and fixing Polyethelene-Aluminium-polyethelene PE-AL-PE Compositeto IS-15450,U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers and connectors etc., with trenching, refilling and testing of joints complete as per direction of the engineer in charge internal work including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	36.00 Running metre			Per Running metre	
2	Providing and fixing 3 layer PP-R (poly propylene Random copolymer) pipes conforming to IS 15801,UV stabilized and anti-microbial fusion welded, having thermal stability for hot and cold water supply, including all PP-R plain and brass threaded polypropylene random fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer-in-charge including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	30.00 Running metre			Per Running metre	
3	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete 254 to 40mm nominal bore including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	10.00 Numbers			Ech	
4	Providing and fixing brass bibn cock of approved quality 15mm nominal bore including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	5.00 Numbers			Each	
5	Providing and fixing brass top stop cock of approved quality 15mm nominal bore including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	6.00 Numbers			Each	
6	Providing and fixing gun metal gate valve with G.I. wheel of approved quality (screwed end) 25mm including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers			Each	
7	Constructing masonry chamber 30x30x50cm inside in brick work in cement mortar 1:4 (one cement : four coarse sand) for stop lcock, with C.I. surface box 100x100x75mm(inside) with hinged cover fixed in cement concrete slab 1:2:4 (on cement :two coarse sand : four graded stone aggregate 20mm (twenty millimetre) size), including necessary excavation, foundation concrete 1:5:10 (one cement : five sand : ten graded stone aggregate 40(forty millimetre) nominal size) andinside plastering with cement mortar 2:1:3 (one cement : three coarse sand) 12mm thick finished with a floating coat of neat cement complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	3.00 Numbers			Each	
8	Providing and fixing stainless steel A ISI 304(18/8) kitchen sink as per ISI:13983 with C.I. brackets and stainless steel plug 40mm, including, painting of fittings and brackets, cutting and making good the walls where required including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers			Each	

9	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws with concealed fittings arrangements of approved quality and colour including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers		Each	
10	Cutting chases in brick masonry walls for following diametre sand cast iron /centrifugally cvast (spoun) iron pipes and making good rthe same with cement concrete 1:3:6)on cement three coarse sand : six graded stone aggregate 12.5mm nominal size) including necessary plaster and pointing.in cement mortar 1:4:(cement :4 sand) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	3.00 Numbers		Each	
11	Providing lead caulked joints to sand cast iron/centrifugally cast(spun) iron pipes and fittings of diametre 100mm dia including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	6.00 Numbers		Each	
12	Providing lerad caulked joints kto sand cast iron/centrifugally cast(spun) iron pipes and fittings of diametre 75mm including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	10.00 Numbers		Each	
13	Providing and fixing collar 100mm sand cast iron S&S as per IS :1729 including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers		Each	
14	Providing and fixing door piece, insertion rubber washer 3mm thick, bolts and nuts complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.00 Numbers		Each	
15	Providing and fixing heal rest sanitary bend 100mm dia dand castr iron S&S as per IS 1729 including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers		Each	
16	Providing and fixing 600c120x10mm glass shelf with edges round off, supported on anodized aluminium angle frame with C.P. brass brackets and guard rail complete kfixed with 40mm long screws rawl plugs including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers		Each	
17	Providing and fixing mirror of superior glass (of approved quality) and of required shaape and size with plastic moulded frame of apaproved make and shade with 6mm thick hared board backing rectangular including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers		Each	
18	Providing and fixing wash basin with C.I. brackets, 15mm PTMT pillar cock, 32mm PTMTY waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required, white vitreous china flat back wash basin size 550x400mm with single 15mm PTMT pillar cock including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers		Each	
19	Providing and fixing white vitreous china pedestal typoe water clocswetr (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern and C.F.P. flush bend with fittings and C.I. brackets, 40mm flush bend, overflow arrangements with special of standard make and mosquito proof coupling of approved muncipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors, wherever required including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers		Each	

20	Eath work in excavation by Mechanical Means (hydraulic excavator)/manual means in foundation trenches or drains(not exceeding 1.5 mtrs in width or 10 squar metres on plan), including dressing of sides and ramming of bottoms, lift upto 1.50 metre including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 metre including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	10.17 Cubic metre	Per Cubic metre	
21	Providing and laying in position cement concrete specified grade excluding the cost of centering and shuttering all work up to plinth level 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm (forty millimetre) size including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	0.62 Cubic metre	Per Cubic metre	
22	Brick work with common burnt clay F.P.S.(non modular) bricks of class designation 7.5 in super structure above plinth level upto floor any level in all shapes and sizes in cement mortar 1:6(one cement : six sand) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.26 Cubic metre .	Per Cubic metre .	
23	Half brick masonry with common burnt clay F.P.S.(non modular) bricks of class designation 7.5 in superstructure above plinth level upto floor to any level in cement mortar 1:4(one cement :four sand) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	3.42 Square metre	Per Cubic metre .	
24	15mm cement plaster on rough side of single or half brick kwall of mix 1:6(one cement six coarse sand) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	18.45 Square metre	Per square metre	
25	Cement concrete flooring 1:2:4 (one cement :two coarse sand; four graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing sof steps etc. complete 40mm thick with 20mm nominal size) stone aggregate including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.31 Square metre	Per square metre	
26	Form work,Centering and shuttering including strutting, propping etc. and removal of form for lineals, beams,girders, bressumers and cantilevers including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	3.06 Square metre	Per Square metre	
27	Steel reinforcement for R.C.C. work including, straightening, cutting, bending, placing and binding all complete upto any level, mild steel and medium tensile steel bars including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	45.00 Kilograms	Per kilograms	
28	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, stair cases and spiral stair cases above plinth level upto floor any level , excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1:5:3 (1cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	0.54 Cubic metre .	Per cubic metre	

29	Supplying and filling, spreading and levelling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads and lifts, all complete as per direction of engineer-in-charge including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	0.45 Cubic metre.		Per cubic metre	
			Total		



Executive Engineer
Banjar Division
HP.PWD. Banjar

SCHEDULE OF QUANTITY


NAME OF WORK:- Construction of Forester Guard Hut Tharas at Garsa in Tharas Beat, Garsa Block of Aurula Range
 (SH:- Construction of building portion).

Estimated cost :- 424026.00only
 Earnest Money :- 8500.00 only
 Time :- two month

S. NO.	Description of item	Quantity	Rate including all taxes		Unit	Amount
			In figure	In words		
1	Steel reinforcement for R.C.C. work including, straightening, cutting, bending, placing and binding all complete upto any level, mild steel and medium tensile steel bars including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	569.23 Kilograms			Per kilograms	
2	Brick work with common burnt clay F.P.S.(non modular) bricks of class designation 7.5 in super structure above plinth level upto floor any level in all shapes and sizes in cement mortar 1:6(one cement : six sand) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	21.26 Cubic metre .			Per Cubic metre .	
3	Half brick masonry with common burnt clay F.P.S.(non modular) bricks of class designation 7.5 in superstructure above plinth level upto floor to any level in cement mortar 1:4(one cement :four sand) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	12.99 Square metre			Per Cubic metre .	
4	Providing 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 and length (hold fast lugs or dash fastener shall be paid for separately) sal wood including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.25 Cubic metre .			Per Cubic metre .	
5	Providing 40x5mm flat iron hold fastit 40cm long including fixing to frame with 10mm diuametre bolts, nuts and wooden plugs and embedding in cement concrete blocks 30x10x15cm 1:3:6 mixc (one cement : three sand : six graded stone aggregate 20mm nominal size) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	78.00 Numbers			Per Cubic metre .	
6	Providing and fixing precoated galvsnised iron profile sheerts (size shape and pitch of corrugation as approved by Engineer-in-charge) 0.50mm(+0.05%) total coated thickness with zinc coating 120 grams as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metres or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/verticle or curves surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	81.45 Square meter			Per square metre	

7	Providing and fixing pre-coated galvanized steel sheet roofing accessories 0.50mm(+0.05%) total coated thickness, zinc coating 12230 g/MSD as per JS:277, in 240 MPA steel grade, 5-7 microns epoxy primer on both side of the sheet and polyster top coated 1518 microns using self drilling/self tapping screws complete ridges plain 500-600mm) including cutting to size and shape wherever required including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	20.38 Running metre	Per Running metre	
8	Providing and fixing 15cm wide, 45cm overall semicircular plain C.G. sheet gutter with iron brackets 40x3mm, size, bolts, nuts and washers etc. including making necessary connections with rain water pipes complete 0.63mm thick with zinc coating not less than 275 gm/sqm including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	7.60 Running metre	Per Cubic metre	
9	Providing and fixing insulating board ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) natural colour insulating board 12mm thick including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	6.37 Square metre	Per Square metre	
10	Filling available excavated earth(excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering upto any lead and lifts including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	6.35 Cubic metre .	Per cubic metre	
11	Supplying filling, spreading and levelling stone boulders of size range 5cm, in recharge pit, in the required thickness, for all leads and lifts, all complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	6.35 Square metre	Per square metre	
12	Walls any thickness including attached pilasters, buttresses, plinth and string course etc. including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	7.20 Square metre	Per square metre	
13	Reinforced cement concrete work in all(any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level upto floor any level, excluding cost of centering, shuttering, finishing and reinforcement 1:1.5:3(one cement one and half coarse sand :three graded stone aggregate 320mm nominal size including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	0.54 Cubic metre .	Per Cubic metre .	
14	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth any level mild steel tensile steel bars including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	48.60 Kilograms	Per Cubic metre .	

15	Providing and laying ceramic glazed floor tile of size 600x600 mm (thickness to be specified manufacturer) of 1st quality conforming to IS:15622 of approved make in colour such as white, Ivory, grey, Fume Red Brown, laid on 20mm thick cement mortar 1:4(one cement: four sand) ,jointing with grey cement slurry @3.3kg/sqm including pointing the joints with white cement and matching pigment etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	7.89 Square metre			Per square metre
16	Providing and fixing 21st quality ceramic glazed floor tiles conforming to IS:15622(thickness to be specified by the manufacturer) of approved make in all colours, shade except burgundy, bottle green,black of any size as approved by Engineer-in-charge in skirting, risers for steps and dados over 12mm thick bed of cement mortar 1:3 (one cement : three sand) and jointing with grey cement slurry @ 3.3 kg per square metre including pointing in white cement mixed with pigment of matching shade complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	10.30 Square metre			
17	15mm cement plaster on rough side of single or half brick kwall of mix 1:6(one cement :six coarse sand) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	271.77 Square metre			Per square metre
18	Providing and fixing M.S. grills for required pattern in frames of windows etc. with M.S.flats, square or round bars etc. including priming coat with approved steel primer kall complete kfixed to steel windows by welding including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	240.30 Kilograms			Per kilograms
					Total


 Executive Engineer
 Banjar Division
 HP.PWD, Banjar

SCHEDULE OF QUANTITY

Estimated cost :- 469052 only
Earnest Money :- 9500,00only
Time :- three months


NAME OF WORK:- Construction of Forest Guard Hut Tharas at Garsa in Tharas Beat, Garsa Block of Jauria Range

(S.H):- Site Development and Construction of building portion).

S. NO.	Description of item	Quantity		Rate including all taxes		Unit	Amount
		In figure	In words	In figure	In words		
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	24.99	Cubic Metre.			Per cubic metre.	
2	Providing concrete for plain reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803,1202 and 1203 PCC. Grade m-10 nominal size 1:3:6 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	36.29	Cubic Metre.			Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of	9.27	Cubic Metre.			Per cubic metre.	
4	Providing weep holes in brick masonry /stone masonry/ plain reinforced concrete abutment,wing wall,return wall with 100 mm (one hundred millimetre) dia PVC pipe extending through the full width of the structure with slope of 1 v:20(H) towards draining face complete as per drawing and technical specifications clause 614,709,1206.6 including	18.00	Numbers			Each	
5	Earth work in excavation by Mechanical Means (hydraulic excavator)/manual means in foundation trenches or drains(not exceeding 1.5 mtrs in width or 10 squar metres on plan), including dressing of sides and ramming of bottoms, lift upto 1.50 metre including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 metre including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	31.47	Cubic metre			Per Cubic metre	

3

6	Providing and laying in position cement concrete specified grade excluding the cost of centering and shuttering all work up to plinth level 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm (forty millimetre) size including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	10.78 Cubic metre			Per Cubic metre
7	Random rubble masonry with hard stone in foudation and plinth including levelling up with cement concrete 1:6:12(one cement :six sand : twelve graded stone aggregate 30mm (twenty millimetre)upto any level in cement mortar 1:6(one cement : six sand)including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	22.35 Cubic metre			Per Cubic metre
8	Form work,Centering and shuttering including strutting, propping etc. and removal of form for lineis, beams,girders, bressumers and cantilevers including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	30.86 Square metre			Per Square metre
9	Reinforced cement concrete work in ealis (any thickness), including attached pilasdters, buttresses, plinth and string courses, fillersw, ,columns, pillars, piers, abutments, posts and struts etc. above plinth level upto floor any level, excluding cost of centering, shuttering, finishing and reinforcement 1:1.5:3 (one cement : one and half sand :three graded stone aggregate 20mm(twenty millimetre) nominal size including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-	4.71 Cubic metre			Per cubic metre
					Total :-


 Executive Engineer
 Banjar Division
 HP.PWD. Banjar

SCHEDULE OF QUANTITY

NAME OF WORK:- Construction of Forerster Guard Hut Tharas at Garsa in Tharas Beat, Garsa Block of Purulia Range


(SH:- Construction of building portion).

Estimated cost :- 481879.00 only
Earnest Money :- 10000 only
Time :- One month

S. NO.	Description of item	Quantity	Rate including all taxes		Unit	Amount
			In figure	In words		
1	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1792.95 Kilograms			Per kilograms	
2	Providing and fixing panelling or glazing in panelled or glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) panelling for panelled or glazed shutters 25mm to 40mm thick kiln selected planks of sheesham wood 35mm thick including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	34.34 Square metre			Per square metre	
3	Providing and fixing Wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 14mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws 35mm thick shutters kiln seasoned selected class of sheesham wood including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	19.70 Square metre			Per square metre	
4	Providing and fixing aluminium sliding door, bolts, ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868), transparent or dyed to required colour or shade, with nuts and screws etc. Complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	7.00 Numbers			Each	
5	Providing and fixing aluminium tower bolts, ISI marked, anodized (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 200x10mm including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	15.00 Numbers			Each	
6	Providing and fixing aluminium tower bolts, ISI marked, anodized (anodic coating not less than grade A.C. 10 as per IS:1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 150x10mm including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	130.00 Numbers			Each	
7	Providing and fixing aluminium handles, ISI marked, anodized (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour or shade, with necessary screws complete 125mm including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	104.00 Numbers			Each	
8	Providing and fixing insulating boarded ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) natural colour insulating board 12mm thick including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	60.57 Numbers			Each	

(2)

9	Cement concrete flooring 1:2:4 (one cement :two coarse sand: four graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing, kof steps etc. complete 40mm thick with 20mm nominal size) stone aggregate including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	36.76 Square metre			Per square metre
10	Finishing wall with water proofing, cement paint of required shade including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	105.79 Square metre			Per square metre
11	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade new work(two or more coats) over and including water thinable priming coat with cement primer including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	153.90 Square metre			Per square metre
12	Providing and applying birla care putty including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	291.31 Square metre			Per square metre
13	Applying priming coat with ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	140.69 Square metre			Per square metre
14	Painting wood work with delux Multi surface paint of required shade. Two or more coat applied @0.90 ltr/10sqm over an wynder coat of primer applied 0.75 ltr/10 sqm of approved brand and manufacture	140.69 Square metre			Per square metre
15	Making plinth protection 50mm thick cement concrete 1:3:6 (one cement : three coarse sand (Zone-III) : six graded stone aggregate to mm nominal size) over 75mm thick bed of dry brick ballast 40mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling and dressing and finishing the top smooth	27.46 Square metre			Per square metre
					Total


 Executive Engineer
 Banjar Division
 HP.PWD, Banjar

SCHEDULE OF QUANTITY

Name of Work :- Removal of formation deficiency on Sainj Neuli Gartah road Km. 0/00 to 10/00.
 (SH :- Formation Cutting for Narrow width at RD. 4/685 to 4/880).

Estimated Cost:- Rs.499927/-only.
 Earnest Money :-Rs. 10000/- only.
 Time :- Two Month.

Sr. No	Description of Items	Quantity	Rate with all taxes in including GST		Unit	Amount
			Figures	Words		
1	2 Cutting in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/wedging out of rock(where blasting is prohibited) and their intermediate classification of soil including, dewatering wherever required setting out to the required line grades, side slopes trimming bottom and level as shown on the drawings and sorting out useful/unaseful materials and stacking the same in all leads and lift and transportation of the un-useful materials and then disposing of surplus excavated earth through all modes of transportation including head load animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by all means (if any required) Recovery for useful stone of 334.63/Cum@ 300/per cum amounting to Rs. 100389- only shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all respect.	3 1518.75	4	5	6 Per cubic metre.	7
					Total:-	

Executive Engineer
 Banjar Division
 HPPWD Banjar.

SCHEDULE OF QUANTITY

Name of Work:- Construction of Ghartgad to Kadahil road Km. 0/00 to 1/800:-
(SH :- Construction of PCC Retaining wall at RD.1/630 to 1/655).

Estimated Cost:- Rs. 485975/- only.
Earnest Money :- Rs. 9800/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST Figures	Words	Unit	Amount
		3	4				
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock/hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	55.50	Cubic Metre.	5	6	7 Per cubic metre.	8.00
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.P.W.D.specification & MORD technical specification and curing complete including the cost of form work and hauling/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	7.00	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, Breast walls and parapets etc. complete as per drawings and HP.PWD. specification/MORD technical specification section and clause 800,1202 and 1203 and curing complete including the cost of form work and hauling / carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	78.75	Cubic Metre.			Per cubic metre.	
4	Providing weep holes in brick masonry /stone masonry/ plain reinforced concrete abutment, wing wall, return wall with 100 mm (one hundred millimetre) dia PVC pipe extending through the full width of the structure with slope of 1:20 (H) towards draining face complete as per drawing and technical specifications clause 614,709,1206.6 including hauling/ carrriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	15.00	Each			Each	
5	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	10.50	Cubic Metre.			Per Cubic Metre.	
						Total:-	


 Executive Engineer,
 Banjar Division
 HPPWD; Banjar


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SCHEDULE OF QUANTITY

Name of Work:- Construction of Ghartgad to Kadahil road Km. 0/00 to 1/800.
 (SH :- Construction of PCC Retaining wall at RD. 1/570 to 1/595).

Estimated Cost:- Rs. 488839/- only.
 Earnest Money :-Rs. 9800/- only.
 Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST Figures	Words	Unit	Amount
		3	4				
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	51.12	Cubic Metre.	5	6	7	8.00
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand :twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.P.W.D.specification &MORD technical specification and curing complete including the cost of form work and hauling/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	7.00	Cubic Metre.				
3	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand :eight graded crushed stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, Breast walls and parapets etc. complete as per drawings and HP:PWD. specification/MORD technical specification section and clause 800,1202 and 1203 and curing complete including the cost of form work and hauling / carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	78.75	Cubic Metre.				
4	Providing weep holes in brick masonry /stone masonry/ plain reinforced concrete abutment,wing wall,return wall with 100 mm (one hundred millimetre) dia PVC pipe extending through the full width of the structure with slope of 1(v):20(H) towards draining face complete as per drawing and technical specifications clause 614,709,1206.6 including hauling/ carrriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	15.00	Each				
5	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	13.50	Cubic Metre.				
						Total:-	


 Executive Engineer,
 Banjar Division
 HPPWD; Banjar

7

SCHEDULE OF QUANTITY
NAME OF WORK:- A/R and M/O Junior Engineer residence at Banjar, District Kullu (HP) (SHI- Construction of building portion)

Estimated cost :496684.00 only
 Earnest Money :- 10000.00only

Time :- One Month

S. NO.	Description of item	Quantity	Rate excluding G.S.T.		Unit	Amount
			In figure	In words		
1	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12(one cement : six sand : twelve graded stone aggregate 30mm (twenty millimetre)upto any level in cement mortar 1:6(one cement : six sand)including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	0.75 Cubic metre			Per Cubic metre	
2	Half brick masonry with common burnt clay F.P.S.(non modular) bricks of class designation 7.5 in superstructure above plinth level upto floor to any level in cement mortar 1:3(one cement :three sand) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	14.99 Square metre			Per Cubic metre .	
3	Providing wood work in frames of doors,windows,clerestory,windows and other frames wrought,framed and fixed in position.1st class kiln seasoned deodar wood with hold fast lugs or with dash fasteners of required dia and length including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	0.35 Cubic metre .			Per cubic metre	
4	Providing and fixing glazed shutters for doors, windows and clerestory windows using 6mm thick double float glass panes, including, beading, ISI marked M.S. pressed butt hinges, bright finished of required size with necessary screws. 30mm (Thirty millimetre) thick kin 1st class deodar wood including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.93 Square metre			Per Square metre	
5	Providing and fixing panelling or panelling and glazing in panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves for rebates to be measured) panelling for panelled and glazed shuttersd 25mm to 40mm (twenty five to forty millimetre) thick 6mm (six millimetre) thick K/glass (weight not less than 14.00 kg (forty kilograms) per square metre) including beading etc. completeincluding hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	6.36 Square metre			Per Square metre	
6	Providing and fixing panelling in panelled ddoor shutter(Area of opening for panel inserts excluding portion inside grooves or rebates to be mmeasured). Styles of door should be 35mm (thirty five millimetre) thick 1st class deodar wood with in side rails and ktop rails 100x40mmmm (one hundred x forty millimetre) finished size and bottom rail 200x40mm (two hundred x forty millimetre)finished size , infill panel of doors should be 12mm (twelve millimetre) thick kphenol bonded exterior grade commercial board pre-laminated from both sides in matt finish of approved shade including beading etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	11.79 Square metre			Per Square metre	

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7	Providing and fixing 19mm (Nineteen millimetre) thick water proof commercial board in shelves/box for cup board with butt joints and fixing with nails and screws complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	49.00 Square metre			Per Square metre	
8	Providing and fixing 19mm (nineteen millimetre) thick water proof commercial board for cup board including fixing with nickel board plates piano hinges with screws etc.complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	16.65 Square metre			Per Square metre	
9	Providing and fixing magnetic catcher of approved quality in cup board/ward robe shutters, including fixing with necessary screws etc. complete triple strip vertical type including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	56.00 Numbers			Each	
10	Providing and fixing bright /matt finished Stainless handles of approved quality and make with necessary screws etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	31.00 Numbers			Each	
11	Providing and fixing special quality bright finished brass cup board or ward robe locks with four levers of approved quality including necessary screws etc complete 50mm (fifty millimetre) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.00 Numbers			Each	
12	Providing and fixing powder coated telescopic drawer channels 300mm (three hundred millimetre) long with necessary screws etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	6.00 Set.			Each set	
13	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete 250x16mm (two hundred fifty x sixteen millimetre) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	8.00 Numbers			Each	
14.1	Providing and fixing ISI marked oxidised M.S. lower bolts black finish (Barrel type) with necessary screws complete 200x10 mm (two hundred x ten millimetre) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	18.00 Numbers			Each	
14.2	Providing and fixing ISI marked oxidised M.S. lower bolts black finish (Barrel type) with necessary screws complete 100x10 mm (one hundred x ten millimetre) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	8.00 Numbers			Each	
15.1	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete 125mm (one hundred twenty five millimetre) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	18.00 Numbers			Each	

15.2	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete 100mm (one hundred millimetre) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.00 Numbers	Each	
16	Providing and laying full body vitrified floor tiles of size single piece of thickness 10mm (ten millimetre) with water absorption less than 0.08% amrd conforming to IS * 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (one cement : four coarse sand) jointing with grey cement slurry @3.3kg/square metre including grouting and joints with white cement and matching pigments etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	52.54 Square metre	Per square metre	
17	Providing and laying full body vitrified floor tiles of size single piece of thickness 10mm (ten millimetre) with water absorption less than 0.08% amrd conforming to IS * 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:3 (one cement :three coarse sand) jointing with grey cement slurry @3.3kg/square metre including grouting and joints with white cement and matching pigments etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	13.08 Square metre	Per square metre	
18	Providing and fixing 8mm (eight millimetre) thick AC-IV W/Parquet/Action TESA or equivalent(Clipo-in-prelaminated wooden) flooring (HDF) over C.C. base with polythene sheet and therrono sheet cushion below etc. complete including grouting and joints with white cement and matching pigments etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	35.14 Square metre	Per square metre	
19	Providing and fixing 8mm (eight millimetre) thick AC-IV W/Parquet/Action TESA or equivalent(Clipo-in-prelaminated) wooden) skirting dado etc. including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.76 Square metre	Per square metre	
20	Providing and fixing anti-skid 1st quality matt finished ceramic glazed floor tiles with antiskid pattern conforming to IS: 15622 10mm thick of approved make in all colours, shades except burgundy, bottle green black of any size as approved by Engineer-in-charge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 (one cement : three coarse sand) and jointing with grey cement slurry @ 3.3 kg per square metre including pointing in white cement mixed with pigment of matching shade complete size 30x60cm including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	29.49 Square metre	Per square metre	
21	Granite of thickness 18mm for wall lining(veneer work), backing filled with a grout of average 12mm thick in cement mortar 1:3 (one cement : three coarse sand) including pointing with white cement mortar 1:2 (one white cement : two marble dust) with an admixture of pigment to match the marble shade (to be secured to the backing by means of cramps, which shall be paid for separately) area of slab over 0.50 square metre including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.13 Square metre	Per square metre	

22	Providing and fixing 10mm thick panelling flat compressed with 1st class deodar wood with necessary screws etc. complete excluding frame work which will be paid separately including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	13.32 Square metre		Per square metre	
23	Providing and fixing 8-10 mm thick PVC ceiling with necessary screws edge taping and frame work etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	8.99 Square metre		Per square metre	
				Total :-	

Executive Engineer
Banjar Division
HP.PWD, Banjar

SCHEDULE OF QUANTITY

Estimated cost :A73217only
Earnest Money :- 10000.00only

NAME OF WORK:- A/R and M/O Junior Engineer residence at Banjar, District Kullia (HP) (SH)- Construction of building portion- *W.S.S.I*

Time :- One Month

S. NO.	Description of item	Quantity	Rate excluding G.S.T.		Unit	Amount
			In figure	In words		
1	Providing and fixing wood work in frames of false panelling, ceiling, partitions, sawn and fixed in position with necessary stainless steel screws etc. 2nd class deodar wood including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	0.50 Cubic metre			Per Cubic metre	
2	Providing and fixing pre painted troughed profile colour coated 0.60mm thick high tensile steel ZINSALUME(Zibnc-Aluminium alloy coating sheet) roofing with trapezoidal corrugation of maximum pitch 190 cc and minimum depth of 30mm with return leg and sealent grove for proper side overlap single sheet to be provided upto 10m drom, ridge to eaves for providing overlap with fixing of sheets with self drilling and self tapping galvanised or zinc alloy coated fasteners of size 5.5mm (dia) (length) with EPD in seal test certificaate and over 10 year warranty against colour with other necessary fitting of steel sheet roof including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	107.09 Square metre			Per Square metre	
3	Providing preapainted ridges or hips of width 60cm overall weidth plain sheet fixed with polymmer coated J or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen weashers complete 1.60mm thick with zinc coating not less than 350gm/m ² including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	9.57 Running meters			Per Running	
4	Providing and fixing preapainted decorative eaves board of approved design with 0.50mm thickness with necessary fitting, screws etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	41.52 Running meters			Per Square metre	
5	Providing and fixing MS sheet of 0.50mm thickness in soffit with necessary fittin, screws complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	24.91 Square metre			Per Square metre	

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6	Providing 20mm cement plaster of mix 1:4 (one cement : four fine sand) including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	97.61 Square metre			Per Square metre
7	Finishing with Deluxe Multi Surface paint system for interiors using primer as per manufacturers specifications, painting steel work with deluxe multi surface paint to give an even shade two or more coat applied @ 0.90 ltr/10 square metre over an under coat of primer applied @ 0.80 ltr/10 square metre of approved brand and manufacture including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	337.92 Square metre			Per Square metre
8	Finishing with Deluxe multi surface paint system for interiors and exteriors using primer as per manufacturers specifications painting steel work with deluxe multi surface paint to give an even shade two or more coat applied @ 0.90 ltr/10 square metre over an under coat of primer @0.80 ltr/10 square metre of approved brand and manufacture including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	8.12 Square metre			Per Square metre
9	Distemping with oil bound weashable distemper of approved brand and manufacture to give an even shade new work (two or more coats) over and including water thinable priming coat with cement primer including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	185.58 Square metre			Each
10	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C. pan) with seat and lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40mm flush bend, 20mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design koomplete, including painting of fittings and brackets, cutting and making good the walls and floors, wherever required white vitreous china of universal 2061 WC 570x460x400 with combi flush of cera or its equivalent with white ksolid plastic seat and lid with C.P. flush bend including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers			Each
11	Providing and fixing G.I. inlet connection for flush pipe connection with W.C. pan including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers			Each
12	Providing and fixing eassdh basin ewith vanity with C.I. brackets, 215mmmm (fifteen millimetre) C.P. brass pillar tapsa, 32mm C.P.brass waste of standard pattern, including painting of fitting and brackets, cutting and making good the walls wherever require, white oval 10054 over counter 450x300mm of cera or its equivalent with necessary fitting, screws etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers			Each

13	Providing and fixing 600mm x 450mm (six hundred millimetre into four hundred fifty millimetre) bevelled edge mirror of superior glass mounted on 6mm (six millimetre) thick A.C Sheet or plywood sheet and fixed to wooden plugs with C.P Brass screws and washers. complete as per direction of Engineer -in- Charge including carriage of materials with in all leads , lifts and other incidentals.	1.00 Numbers	Each	
14	Providing and fixing soap dish holder ryope("S-steel) No. 1531 of holliner series of jeqaur or ESS-ESS or its equivalent with necessary fitting, screws etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.00 Numbers	Each	
15	Providing and fixing toilet paper holder with flat recessed type No. 1553 of holliner series of seaqur or ESS-ESS or its equivalent with necessary fitting, screws etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers	Each	
16	Providing and fixing C.P. cloth linear retractable (Ring) No. holliner series of jeqaur or ESS-ESS complete with necessary fittings, screws etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers	Each	
17	Providing and fixing C.P. jet spray of approved quality and colour with one metre tube pipe with necessary screws fittings etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	8.00 Numbers	Each	
18	Providing and fixing stainless steel A ISI 304(18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40mm, including painting of fittings and brackets, cutting and making good the walls wherever required, kitchen sink with drain board 510x1040mm bowl depth 250mm including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers	Each	
19	Providing and fixing trap of self cleaning design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors 100mm inlet and 100mm outlet hubless centrifugally cast (spun) iron epoxy coated inside and outside as per IS.L 15905 including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.00 Numbers	Each	
20	Providing and fixing Polyethylene-Aluminium-polyethylene PE-AL-PE Compositeto IS-15450,U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature upto 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers , couplers and connectors etc., with trenching, refilling and testing of joints complete as per direction of the engineer in charge internal work including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	72.20 Running metre	Per Running metre	

21	Providing and placing on terrace (at all floor levels) polyethylene wealer storage tank IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1000.00 Litre			Per litre	
22	Providing and fixing C.P. brass angle valve 15mm nominal bore with basin mixer and geyser points of approved quality conforming to IS:8931 including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.00 Numbers			Each	
23	Providing and fixing C.P. brass chain and rubber plug complete for sink or wash basin 32mm dia including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.00 Numbers			Each	
24	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 grms including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers			Each	
25	Providing and fixing C.P. lower rack with single rail No. 1561 of hollow series of Ijar or ESS-ESS complete with brackets fixed to wooden cleats with C.P. brass screws with concealed fittings arrangement of approved quality and colour with necessary fittings, screws etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers			Each	
26	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :15 mm nominal bore including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.00 Numbers			Each.	
27	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS: 8931, 15 mm dia including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.00 Numbers			Each	
28	Providing and fixing uplasticised PVC connection pipe with brass unions 45cm length 15mm nominal bore including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.00 Numbers			Each	
29	Providing and fixing square mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame 300x300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design 150x100mm size P type with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 round mouth traps 100mx100mm size P or S type	2.00 Numbers			Each	

30	Providing and fixing electrical Gysar I.S.I. marked having 15 litres net water capacity with necessary accessories etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers		Each	
31	Providing and fixing instant electrical gysar I.S.I. marked having 5 litres net water capacity with necessary accessories etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.00 Numbers		Each	
				Total :-	

Executive Engineer
Banjar Division
HP.PWD, Banjar

SCHEDULE OF QUANTITY
NAME OF WORK:- A/R and M/O Junior Engineer residence at Banjar, District Kullu (HP) (SH:- Providing and fixing Furniture)

Estimated cost :230269.00only
 Earnest Money :-5000.00.00only
 Time :- One Month

S. NO.	Description of item	Quantity	Rate excluding G.S.T.		Unit	Amount
			In figure	In words		
1	Providing and fixing bed box of approved design with necessary fitting etc. complete including carriage of material to site and transportation etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.00 Numbers			Each	
2	Providing and fixing bed room chair of approved design with necessary fittings complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.00 Numbers			Each	
3	Providing and fixing mattress of 0.90x1.80m size of approved design and brand including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.00 Numbers			Each	
4	Providing center table of 0.60x0.60 m size of approved design with necessary fittings etc. including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	2.00 Numbers			Each	
5	Providing quilt of 1.20x2.10 m size of approved design and brand complete including carriage of material to site and transportation etc. complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.00 Numbers			Each	
6	Providing pillow of 0.60mx0.45m size of approved design and brand complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.00 Numbers			Each	
7	Providing bed sheet of 2.40x2.40 m size of approved design and brand complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	4.00 Numbers			Each	

8	Providing blanket of 1.20x2.10 m sized of approved design and brand complete including hauling/ carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	6.00 Numbers			Each	
					Total	

Executive Engineer
Banjar Division
HP.PWD, Banjar


SCHEDULE OF QUANTITY

Name of work: Restoration of rain damaged on Sidhwan Godigad road km 0/0 to 8/0

(SHI:- Construction of 3.00 metre P.C.C Slab culvert at RD. 6/100

Sr. No	Description of items	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	2		4	5	6	7
1	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	34.44 Cubic Metre.			Per cubic metre.	
2	Providing and laying dry rubble flooring as per drawing and technical specifications Clause 1303 including hauling/ carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	1.92 Cubic Metre.			Per cubic metre.	
3	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specification clause 800,1205.4 RCC 1:1:5:3 (one cement: 1:5:sand: three graded stone aggregate 20mm nominal size) within all leads and lift of materials and as per direction of Engineer-in-charge.	10.00 Cubic Metre.			Per cubic metre.	
4	Suppling, fitting and placing HYSD bar reinforcement in foundation complete as per drawing and technical specification clause 1303.3. with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	1.20 Tonne			Tonne	
5	Providing and laying cement concrete wearing course M-30 grade 1:1.5:3(one cement: 1:5:sand: three graded) including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3 .including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	2.52 Cubic Metre			Per cubic metre.	
6	Construction of R.C.C., railing M25 grade in cast in situ with 20mm nominal aggregate true to line and grade, toleranc of vertical railing not to exceed 1 in 500, centre to centre spacing between vertical past not to exceed 2000mm as per drawing and technical specifications clause 800,900 and 1208.3including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	8.40 Cubic Metre.			Per cubic metre.	

7	Providing and fixing drainage spout complete with 100 mm dia aglavanised MS down pipe typical level of 6mm thick flat grating collection pipe i.c galvanised grating and head complete in all respect as per detail and technical specification.including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	3.60	Running Metre		Per Running Metre	
Total:-						



 Executive Engineer
 Banjar Division
 HPPWD Banjar

SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on Sainji Neuli Gartah road Km. 0/00 to 10/00.
(SH :- Construction of Wire crated Retaining wall at RD. 0/460 to 0/475).

Estimated Cost:- Rs. 375333/- only.
Earnest Money :-Rs. 7600/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	17.85	Cubic Metre.	5	6	7 Per cubic metre.	8.00
2	Providing and laying of boulder upron laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh wooven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	117.20	Cubic Metre.			Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	21.83	Cubic Metre.			Per cubic metre.	
4	Construction of the Embankment with approved material of obtained from borows pits with a lift up to 1.50 m transporting to site spreading grading a requird slope and compacting to meet requirement of table 300.1 and 300.2 with a lead upto 1000 m as per technical specification clause 301.5.with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	229.50	Cubic Metre.			Per cubic metre.	
						Total:-	


 Executive Engineer
 Banjar Division
 HPPWD Banjar


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SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Sainj Neuli Gartah road Km. 0/00 to 10/00.
(SH :- Construction of Wire crated Retaining wall at RD. 0/475 to 0/490).

Estimated Cost:- Rs. 374398/- only.
Earnest Money :-Rs. 7500/- only.
Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2			5	6	7	8.00
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost , including dressing of slopes and beds setting out conforming to required lines, grades , side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	18.08	Cubic Metre.			Per cubic metre.	
2	Providing and laying of boulder upron laid in wire crates with 4mm (four millimetre) dia G-1 wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	117.20	Cubic Metre.			Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 Including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	21.98	Cubic Metre.			Per cubic metre.	
4	Construction of the Embankment with approved material of obtained from borrows pits with a lift up to 1.50 m transporting to site spreading grading a requird slope and compacting to meet requirement of table 300.1 and 300.2 with a lead upto 1000 m as per technical specification clause 301.5.with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	219.30	Cubic Metre.			Per cubic metre.	
						Total:-	


 Executive Engineer
 Banjar Division
 HPPWD Banjar


13

SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on Sainj Neuli Gartah road Km. 0/00 to 10/00.
(SH :- Construction of Wire crated Retaining wall at RD. 0/490 to 0/505).

Estimated Cost- Rs. 377817/- only.
Earnest Money :-Rs. 7600/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST Figures	Words	Unit	Amount
		3	4				
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock/hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	15.45	Cubic Metre.	5	6	7	8.00
2	Providing and laying of boulder upron laid in wire crates with 4mm (four millimetre) dia G-1 wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	117.20	Cubic Metre.			Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	23.25	Cubic Metre.			Per cubic metre.	
4	Construction of the Embankment with approved material of obtained from borrows pits with a lift up to 1.50 m transporting to site spreading grading a requird slope and compacting to meet requirement of table 300.1 and 300.2 with a lead upto 1000 m as per technical specification clause 301.5. with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	239.63	Cubic Metre.			Per cubic metre.	
						Total:-	


 Executive Engineer
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 HPPWD Banjar


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SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on Sainj Neuli Gartah road Km. 0/00 to 10/00.
(SH :- Construction of Wire crated Retaining wall at RD. 0/505 to 0/520).

Estimated Cost:- Rs. 379007/- only.
Earnest Money :-Rs. 7600/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock/hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	16.65	Cubic Metre.	5	6	Per cubic metre.	8.00
2	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	117.20	Cubic Metre.			Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	24.00	Cubic Metre.			Per cubic metre.	
4	Construction of the Embankment with approved material of obtained from borrows pits with a lift up to 1.50 m transporting to site spreading grading a required slope and compacting to meet requirement of table 300.1 and 300.2 with a lead upto 1000 m as per technical specification clause 301.5. with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	234.60	Cubic Metre.			Per cubic metre.	
						Total:-	


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 HPPWD Banjar


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SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on Sainj Neuli Cartah road Km. 0/00 to 10/00.
(SH :- Construction of Wire crated Retaining wall at RD. 0/535 to 0/550).

Estimated Cost:- Rs. 237008/- only.
Earnest Money :-Rs. 4800/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost , including dressing of slopes and beds setting out conforming to required lines, grades , side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	16.65	Cubic Metre.	5	6	7 Per cubic metre.	8.00
2	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	70.32	Cubic Metre.			Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	12.30	Cubic Metre.			Per cubic metre.	
4	Construction of the Embankment with approved material of obtained from borrows pits with a lift up to 1.50 m transporting to site spreading grading a requird slope and compacting to meet requirement of table 300.1 and 300.2 with a lead upto 1000 m as per technical specification clause 301.5.with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	218.40	Cubic Metre.			Per cubic metre.	
						Total:-	



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SCHEDULE OF QUANTITY

NAME OF WORK:-Preparation of Layout Plan and cross section for road (i) C/O Sarchi to Basheer road km 0/0 to 14/200 (ii) C/o Chanon to Tillru Road Km. 0/00 to 6/700				Estimated cost	-
				Earnest money	8,000/-
				Rate in	Time Limit
S. NO.	Description of item	Quantity	unit	5	one month
1	2	3	4	6	Amount
	Detail survey with DGPS/Total station complete and preparation of digital copy of the layout plan in appropriate scale which must include a legend and the proper dimension of each component, such as carriageway, Paved shoulder, Earth filling, Drain, and Protection work for road Link road to C/O Sarchi to Basheer road km 0/0 to 14/200 for processing the forest case under FCA 1980 and its approval from the competent authority complete as per direction of Engineer in charge.	14.2	per km		-
	Detail survey with DGPS/Total station complete and preparation of digital copy of the layout plan in appropriate scale which must include a legend and the proper dimension of each component, such as carriageway, Paved shoulder, Earth filling, Drain, and Protection work for road Link road to C/o Chanon to Tillru Road Km. 0/00 to 6/700 for processing the forest case under FCA 1980 and its approval from the competent authority complete as per direction of Engineer in charge.	6.45	per km		-
	Total	20.65			-

Terms & condition:- Work shall be executed as per HPPWD specifications



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SCHEDULE OF QUANTITY

NAME OF WORK:-Preparation of Layout Plan and cross section for road (i) C/O TATTA PANI TO KHUN SALHANU DHAR ROAD KM 0/0 TO 9/400 (ii)C/O Damala to Thata Parwari road km 0/0 to 8/700					
S. NO.	Description of item	Quantity	unit	Estimated cost	
				Rate in	Rate in words
				Time Limit	Amount
1	2	3	4	5	6
1	Detail survey with DGPS/Total station complete and prepration of digital copy of the layout plan in appropriate scale which must include a legend and the proper dimension of each component, such as carriageway, Paved shoulder, Earth filling, Drain, and Protection work forConstruction of C/O TATTA PANI TO KHUN SALHANU DHAR ROAD KM 0/0 TO 9/400 for processing the forest case under FCA 1980 and its approval from the competent authority complete as per direction of Engineer in charge.	9.4	per km		
2	Detail survey with DGPS/Total station complete and prepration of digital copy of the layout plan in appropriate scale which must include a legend and the proper dimension of each component, such as carriageway, Paved shoulder, Earth filling, Drain, and Protection work for C/O Damala to Thata Parwari road km 0/0 to 8/700 for processing the forest case under FCA 1980 and its approval from the competent authority complete as per direction of Engineer in charge.	8.7	per km		
		18.1	Total		

Terms & condition:- Work shall be executed as per HPPWD specifications



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HP PWD Banjar

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SCHEDULE OF QUANTITY

NAME OF WORK:-Preparation of Layout Plan and cross section for road (i) C/o Bihali to Tipri Dhar Road km 0/00 to 5/030							Estimated cost	93,055.00
							Earnest money	2000/-
							Time Limit	one month
S. NO.	Description of item	Quant	unit	Rate in	Rate in words	Amount		
1	2	3	4	5	6			
1	Detail survey with DGPS/Total station complete and preperation of digital copy of the layout plan in appropriate scale which must include a legend and the proper dimension of each component, such as carriageway, Paved shoulder, Earth filling, Drain, and Protection work forConstruction ofC/o Bihali to Tipri Dhar Road km 0/00 to 5/030 for processing the forest case under FCA 1980 and its approval from the competent authority complete as per direction of Engineer in charge.	5.03	per km					
Total								

Terms & condition:- Work shall be executed as per HPPWD specifications



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SCHEDULE OF QUANTITY

NAME OF WORK:-Preparation of Layout Plan and cross section for road (i) Shalwar to Kaliyah road km 0/00 to 6/00 (ii) CONSTRUCTION OF PARGANOO TO BHALLAN ROAD KM 9/00 TO 15/700 (iii) C/o Shansher Tung to Bagikshiadi Road Km. 0/00 to 7/00 (iv) C/o Talara to Nonu via Kulagar Km. 0/00 to 6/450.		Estimated cost		Time Limit one month		
		Rate in words	Amount			
S. NO.	Description of item	Quantity	unit	Rate in	Rate in words	Amount
1	2	3	4	5	6	
1	Detail survey with DGPS/Total station complete and preparation of digital copy of the layout plan in appropriate scale which must include a legend and the proper dimension of each component, such as carriageway, Paved shoulder, Earth filling, Drain, and Protection work for Construction of Shalwar to Kaliyah road km 0/00 to 6/00 for processing the forest case under FCA 1980 and its approval from the competent authority complete as per direction of Engineer in charge.	6	per km			-
2	Detail survey with DGPS/Total station complete and preparation of digital copy of the layout plan in appropriate scale which must include a legend and the proper dimension of each component, such as carriageway, Paved shoulder, Earth filling, Drain, and Protection work for CONSTRUCTION OF PARGANOO TO BHALLAN ROAD KM 9/00 TO 15/700 for processing the forest case under FCA 1980 and its approval from the competent authority complete as per direction of Engineer in charge.	6.7	per km			-
3	Detail survey with DGPS/Total station complete and preparation of digital copy of the layout plan in appropriate scale which must include a legend and the proper dimension of each component, such as carriageway, Paved shoulder, Earth filling, Drain, and Protection work for road Link road to C/o Shansher Tung to Bagikshiadi Road Km. 0/00 to 7/00 for processing the forest case under FCA 1980 and its approval from the competent authority complete as per direction of Engineer in charge.	7	per km			-
4	Detail survey with DGPS/Total station complete and preparation of digital copy of the layout plan in appropriate scale which must include a legend and the proper dimension of each component, such as carriageway, Paved shoulder, Earth filling, Drain, and Protection work for road Link road to C/o Talara to Nonu via Kulagar Km. 0/00 to 6/450 for processing the forest case under FCA 1980 and its approval from the competent authority complete as per direction of Engineer in charge.	6.45	per km			-
					Total	-

Terms & condition:- Work shall be executed as per HPPWD specifications


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SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Sainj Deori road Km. 0/00 to 7/00.
(SH :- Removal of slips at various reaches).

Estimated Cost:- Rs. 499553/- only.
Earnest Money :-Rs.10000/- only.
Time :- 15 Days.

Sr. No	Description of items	Quantity		Rate with all taxes including GST		Unit	Amount
		3	4	Figures	Words		
1	2 Removal of land slide in hilly are in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slope and disposal of cut material with in lift upto 1.5 m and lead upto 1000m as per technical specification clause 302.3.5 and 1611.with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	3235.45	Cubic Metre.	5	6	7 Per cubic metre.	8.00
						Total:-	


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 HPPWD Banjar


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Name of Work:- Restoration of rain damages on Neuli to Shenshar road Km. 0/00 to 14/600.
 (SH :- Removal of slips at various reaches).

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 498612/- only.
 Earnest Money :-Rs.10000/- only.
 Time :- 15 Days.

Sr. No	Description of items	Quantity		Rate with all taxes including GST		Unit	Amount
		3	4	Figures	Words		
1	Removal of land slide in hilly are in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slope and disposal of cut material with in lift upto 1.5 m and lead upto 1000m as per technical specification clause 302.3.5 and 1611.with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	3229.35	Cubic Metre.	5	6	7	8.00
Total:-							


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 HPPWD Banjar


SCHEDULE OF QUANTITY

Name of Work:- Restoration of Rain damages on Neulj Shansher Road km 0/00 to 14/00
 (SH :- Construction of Breast wall at RD. 4/820 to 4/845).

Estimated Cost:- Rs. 432534.00 only.
 Earnest Money :-Rs. 9000/- only.
 Time :- One Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	5	6		
				Figures	Words		
1	2 Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m any as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	99.25	Cubic Metre.			Per cubic metre.	8
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	25.75	Cubic Metre.			Per cubic metre.	

3	Stone masonry in cement mortar 1:6 (One cement : six sand)for sub structure complete as per drawing and technical specification clause 702,704,1202 and 1203 including haulage/cariage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge	51.22	Cubic metre			Per cubic metre	
4	Construction of dry stone masonry for retaining wall breast wall revetment wall and parapets for sub structure and super structure complete as per drawing and technical specification including haulage/cariage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge	41.990	Cubic metre			Per cubic metre	
						Total	


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SCHEDULE OF QUANTITY


Name of Work:-Restoration of Rain damages on Neuli Shansher Road km 0/00 to 14/00
(SH :- Construction of Breast wall at RD. 4/495to 4/510).

Estimated Cost:- Rs. 432534.00 only.
Earnest Money :-Rs. 7000/- only.

Time :- One Month.

Sr. No	Description of items	Quantity		Rate with all taxes		Unit	Amount
		3	4	Figures	Words		
1	2			5	6	7	8
1	Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m any as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	112.50	Cubic Metre.			Per cubic metre.	
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost , including dressing of slopes and beds setting out conforming to required lines, grades , side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and states shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	18.30	Cubic Metre.			Per cubic metre.	

3	Stone masonry in cement mortar 1:6 (One cement : six sand)for sub structure complete as per drawing and technical specification clause 702,704,1202 and 1203 including haulage/carrige of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge	36.72	Cubic metre	Per cubic metre	
4	Construction of dry stone masonry for retaining wall breast wall revetment wall and parapets for sub structure and super structure complete as per drawing and technical specification including haulage/carrige of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge	37.730	Cubic metre	Per cubic metre	
				Total	


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SCHEDULE OF QUANTITY

Name of Work:- Restoration of Rain damages on Suchain Shanghar road km 0/00 to 8/00
 (SH :- Construction of Breast wall at RD. 6/060 to 6/080).

Estimated Cost:- Rs. 346149.00 only.
 Earnest Money :-Rs. 7000/- only.
 Time :- One Month.

Sr. No	Description of items	Quantity		Rate with all taxes		Unit	Amount
		3	4	Figures 5	Words 6		
1	2 Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m any as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	79.50	Cubic Metre.			Per cubic metre.	8
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	20.60	Cubic Metre.			Per cubic metre.	

3	Stone masonry in cement mortar 1:6 (One cement : six sand)for sub structure complete as per drawing and technical specification clause 702,704,1202 and 1203 including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge	41.00	Cubic metre			Per cubic metre	
4	Construction of dry stone masonry for retaining wall breast wall revetment wall and parapets for sub structure and super structure complete as per drawing and technical specification including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge	33.590	Cubic metre			Per cubic metre	
						Total	


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SCHEDULE OF QUANTITY


Name of Work:- Restoration of rain damages on Neuli Shansher road km 0/00 to 14/0
(SH :- Construction of Retaining wall at RD. 10/00 to 10/910)

Estimated Cost:- Rs.206766/-only.
Earnest Money :-Rs. 4500/- only.

Time :- One Month

Sr. No	Description of items	Quantity	Rate with all taxes excluding GST		Unit	Amount
			Figures	Words		
1	2	3	4	5	6	7
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	16.10	Cubic Metre.		Per cubic metre.	
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.W.D. specification & MORD technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	4.80	Cubic Metre.		Per cubic metre.	
3	Providing and laying cement concrete 1:4:8 (One cement : four sand : eight graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundations complete as per drawing and technical specifications clause including haulage/carryage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	1.16	Cubic Metre.		Per cubic metre.	

4	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702,704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	15.16	Cubic Metre.			Per cubic metre.
5	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation. with in all leads and lift of materials and as per direction of Engineer-in-charge.	22.88	Cubic Metre.			Per cubic metre.
6	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	6.60	Cubic Metre.			Per cubic metre.
7	Providing weep holes in brick masonry /stone masonry/ plain reinforced concrete abutment,wing wall,return wall with 100 mm (one hundred milimetre) dia PVC pipe extending through the full width of the structure with slope of 1 (v):20(H) towards draining face complete as per drawing and technical specifications clause 614,709,1206.6 including hauling/ carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	11.00	Numbers			Each
						Total:-


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