

**Himachal Pradesh
Public Works Department**

No. PW-SKT-CB -Tender/2021-22

18141-43

Dated:- 24-11-2021

To,

The Executive Engineer I.T. Cell,
Nigam Bihar Shimla -2

Subject:- Publishing of Notice inviting tenders.

Enclosed please find herewith copies of notice inviting tender for the up loading on department website before 14.12.2021 as per notification issued by Pr. Secy. (PW) to the Govt. of HP vide letter No. PBW (B) A (3)1/2020 dated 16th July 2021. As the works mentioned in the Tender Notice are urgent nature.

DA:-As above (in triplicate)


Executive Engineer,
Sarkaghat Division
HP.PWD.Sarkaghat

1. Copy along with N.I.T. to the Chief Engineer Mandi Zone HP.PWD . Mandi for information please.
2. Copy along with N.I.T. to the Superintending Engineer 1st Circle, HP.PWD. Mandi for information please.


Executive Engineer,
Sarkaghat Division
HP.PWD. Sarkaghat.

**Himachal Pradesh
Public Works Department**

"Notice Inviting Tender"

Sealed item rate tender are hereby invited in form No. 6&8 by the Executive Engineer B&R Division, HP.PWD. Sarkaghat HP. on behalf of the Governor of Himachal Pradesh for the following works from the instruction and are also registered contractor of appropriate class enlisted in HP.PWD whose registration stood renewed as per revised instruction and are also registered dealers under the Himachal Pradesh General sales Tax Act. 1968. The important dates of tender are as under:-

The last date and time of receipt of application for tender form 14.12.2021 up to 4.00 P.M.

The last date for sale of tender is up to 15.12.2021 at 4.00PM.

The tender shall be received up to 11:00 AM on 16.12.2021 to be opened on the same day at 11:30 AM. in presence of the intending contractors or their authorized representative who may like to be present. The tender form can be had from this office against cash payment as shown below (Non refundable) during the working hours on 16.12.2021. The earnest money in the shape of National saving certificate, time deposit account in any post office/bank in HP. duly pledged in favor of the Executive Engineer B&R Division HP.PWD. Sarkaghat must accompany with each tender Conditional & in complete tenders and the tender received without earnest money will be summarily rejected. The offer of tender shall be kept open for 90 days. The Executive Engineer, reserved the right to accept or reject, the tender without assigning any reason.

Sr. No.	Name of work	Estimated cost.	Earnest Money.	Cost of form.	Time allowed.
1.	Construction of Store Room at Near Himfed store Kenchi more Tehsil Sarkaghat Distt Mandi (HP)	489785	10000	350	Two Months
2.	R/R Damages on Khudla Sears Samloun Kalthar Road Km. 0/0 to 5/400 (SH:- C/O R/Wall in PCC 1:4:8 & 1:5:10 at RD 5/105 to 5/125)	349641	7000	350	One Month
3.	R/R Damages on Dali Rakhoh Jandhru Kothi Road Km. 0/0 to 11/600 (SH:- C/O PCC R/wall in 11/580 to 11/600)	404842	8100	350	Two Months
4.	Construction of Gopalpur Mohin Chandruhi Road Km. 0/0 to 4/0 (SH:- C/O V- Shape Drain at RD 2/455 to 3/0 & CC Pavement at RD 2/105 to 2/135) Deposit works SDF	185414	3710	350	Three Months
5.	A/R & M/O Chi Ka Dhora Samon Piplughat Road Km. 2/900 to 4/100 (SH:- Providing and fixing Metal Beam Crash Barrier railing various RD 3/165 to 3/184, 3/203 to 3/600, 3/619 to 3/638)	195813	4000	350	One Month
6.	Special Repair of B.M.O. Residance Building at CHC Baldwara in Tehsil Baldwara Distt. Mandi (HP) (SH:- Repair of floors, walls, woodon shutters Doors, Painting and Distemping etcetra)	343618	7000	350	Two Months
7.	A/R & M/O Rissa Surangari Bhaderwar via Garroru Km. 0/0 to 8/500 (SH:- Construction of B/wall with stone facia at RD 2/030 to 2/040)	140339	2800	350	One Month

8.	Construction of Rest House Baldwara (SH:- Preparation of detailed estimate and Technical section for construction of Building portion, water supply & sanitary installation RWH system and site development)	193000	3900	350	One Month
9.	A/R & M/O Rissa Beri Road Km. 0/0 to 9/0 (SH:- Providing and laying Cement concrete pavement in Km. 5/750 to 5/871)	498759	10000	350	One month
10.	A/R & M/O Sarnota Bhadroi Road Km. 0/0 to 5/500 (SH:- Construction of R/wall in PCC 1:5:6 at RD 0/970 to 0/978)	256631	5000	350	One month

TERMS AND CONDITIONS:-

Following documents should accompany with the application for tenders.

1. The contractor/firms should be registered as or/dealer under HP Sales Tax Act. 1968/GST
2. The intending contractors/firms shall have to produce the copy of latest enlistment in HPPWD.
3. The contractor is required to submit an affidavit for not having more than two works in hand in the shape of affidavit duly attested by the competent authority.
4. If any of the date mentioned above happened to be Gazette Holiday the same shall be processed on next working day.
5. The contractor should quoted the rate of all the items in the tender both in figures and in words failing which tender is likely to be rejected.
6. The copy of Employees Provident Funds (EPF Number) GST, Pan Number, should be attached with application.
7. Minimum one similar work done of amount not less than 40% (Forty percent) of the estimated cost (without liquidated Damage or compensation) in last five years)
8. The earnest money for the above works should be attached with application forms.
9. Cost of tender for the above works may be deposited in cash with application.
10. All the required documents should be submitted with the application others wise single application may be rejected.
11. The Executive Engineer reserves the right to accept / reject any tender / application or all tenders without assigning any reason.


Executive Engineer,
Sarkaghat Division
HP.PWD, Sarkaghat

SCHEDULE OF QUANTITY

Store Rooms

NAME OF WORK :- Construction of two-room Chowkidar-Cum-Office of Divisional Store Campurs at Near Himfed store Kenchi More Tehsil Sarkaghat Distt Mandi (H.P).

Estimated cost Rs. 489785 /-

Earnest Rs. 10000 /-

Time allowed:- Two months

Sr.No	Description of Item	Quantity	Rates		Unit	Amount
			In figure	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. Ordinary rock including carriage of materials within all leads and lifts and other incidental charges.	22.43			Per cubic metre	
2	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm (twenty millimetre) nominal size upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand/Mild steel and Medium Tensile steel bars including carriage of materials within all leads and lifts and other incidental charges.	20.40			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm (forty millimetre) nominal size including carriage of materials within all leads and lifts and other incidental charges.	14.85			Per cubic metre	
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars including carriage of materials within all leads and lifts and other incidental charges.	797.50			Per kilo gram	
5	Centering and shuttering including strutting, propping etc. and removal of form work for :Foundations, footings, bases for columns including carriage of materials within all leads and lifts and other incidental charges	48.62			Per Square metre	
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:6 (1 cement : 6 coarse sand including carriage of materials within all leads and lifts and other incidental charges.	11.30			Per Square metre	
7	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in :cement mortar 1:4 (1 cement : 4 coarse sand including carriage of materials within all leads and lifts and other incidental charges.	1.90			Per Square metre	
8	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 & length (hold fast lugs or dash fastener shall be paid for separately Sal wood including carriage of materials within all leads and lifts and other incidental charges.	0.24			Per cubic metre	

9	Providing and fixing panelling or panelling and glazing in panelled or panelled and 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 panelled and glazed shutters 25 mm (twenty five millimetre) to 40 mm (forty millimetre) thick Second class teak wood including carriage of materials within all leads and lifts and other incidental charges.	8.64	Per Square metre
10	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm (four millimetre) thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws Second class teak wood 35 mm (thirty five millimetre) thick including carriage of materials within all leads and lifts and other incidental charges.	2.52	Per Square metre
11	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm (twenty millimetre) nominal size including carriage of materials within all leads and lifts and other incidental charges.	5.36	Per cubic metre
12	15 mm (fifteen millimetre) cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix 13.8.2 1:4 (1 cement: 4 fine sand including carriage of materials within all leads and lifts and other incidental charges.	113.73	Per Square metre
13	6 mm (six millimetre) cement plaster of mix :13.16.1 1:3 (1 cement : 3 fine sand including carriage of materials within all leads and lifts and other incidental charges.	29.46	Per Square metre
14	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts and other incidental charges.	22.41	Per Square metre
15	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved	22.41	Per Square metre
16	White washing with lime to give an even shade New work (three or more coats carriage of materials within all leads and lifts and other incidental charges.	165.60	Per Square metre
17	Distemping with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, over and including water thinnable priming coat to give an even shade. New work (two or more coats) over and including water thinnable priming coat with cement primer including carriage of materials within all leads and lifts and other incidental charges.	22.41	Per Square metre
18	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm (forty millimetre thick with 20 mm (twenty millimetre) nominal size stone aggregate including carriage of materials within all leads and lifts and other incidental charges.	39.64	Per Square metre

19	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm (twelve millimetre)thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete Size of Tile 600x600 mm including carriage of materials within all leads and lifts and other incidental charges.	12.25		Per Square metre
20	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete:125x75x4 mm (one hundred twenty five into four millimetre)including carriage of materials within all leads and lifts and other incidental charges.			
(i)	125x75x4 mm (one hundred twenty five into seventy five into four millimetre)	6.00		Each
(ii)	75x63x4 mm (seventy five into sixty three into four millimetre)	20.00		Each
21	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :300x16 mm (three hundred into sixteen millimetre) including carriage of materials within all leads and lifts and other incidental charges.	2.00		Each
22	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts and other incidental charges.			
(i)	300x10 mm (three hundred into ten millimetre)	4.00		Each
(ii)	150x10 mm (one hundred fifty into ten millimetre)	16.00		Each
23	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts and other incidental charges.			
(i)	100 mm (one hundred millimetre)	4.00		Each
(ii)	75 mm (seventy five millimetre)	16.00		Each
				Total :-


 Executive Engineer,
 B&R Division,
 HP PWD, Sarkaghat.

DRAFT SCHEDULE OF QUANTITY

Name of Work:-R/R Damages on Khudla Sears Samloun Kalther Road km. 0/0 to 5/400 (SH:- C/O R/wall in PCC 1:4:8 & 1:5:10 at RD 5/105 to 5/125).					
			Estimated cost :-		Rs:- 349641/-
			Earnest Money:-		Rs:- 7000 /-
			Time Limit:-		One month
Description of item/Sub Head	Quantity	Rates		Unit	Amount
		In Figure	In words		
1 Earth work in excavation by mechanical means (Hydraulic excavator) manual means over areas exceeding 30 cm (thirty centimetre) in depth, 1.5 m (one point five metre) in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m (fifty metre) and lift upto 1.5 m, (one point five metre) asdirected by Engineer- in-charge. All kinds of soli.	30.400			Per cubic metre	
2 Providing and Laying in position cement concrete of specified grade excluding the cost of centering and shuttering all work up to plinth level 1:4:8:1 (1 Cement :4 coarse sand:8 graded stone aggregate 40 mm(Forty millimetre) nominal size as per drawing and technical specification clauses 614,709,1204,3.7 in all leads and lifts and carriage of material	63.08			Per cubic metre	
4 Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 110mm (One hundred ten millimetre) dia PVC (Polyvinyl Chloride) pipe extending through the full width of the structure with slope of 1 vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204, 3.7 in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Charge.	24.00			Each	
5 Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204, 3.8 in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	16.80			Per cubic metre	
3 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering -All work up to plinth level 1:5:10 (1 cement :5 fine sand :10) graded stone aggregate 40 mm (forty millimetre) nominal size as per drawing and HP,PWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge.	3.24			Per cubic metre	
				Total:-	


 Executive Engineer,
 B&R Division,
 HP PWD, Sarkaghat.

Draft Schedule of Quantity

Name of Work:- R/R Damages on Dali Rakhoh Jandru Kothi Road km. 0/0 to 1/600 (SH:- Construction of PCC R/Wall in km 11/580 to 11/600).					
				Estimated cost :-	Rs. 4,04,842.00
				Earnest Money:-	Rs. 2000.00
				Time Limit:-	One month
Sl. No.	Description of item/Sub Head	Quantity	Rates		Amount
			In Figure	In words	
1	Earth work in excavation by mechanical means (Hydraulic excavator) manual means over areas exceeding 30 cm (thirty centimetre) in depth, 1.5 m (one point five metre) in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m (fifty metre) and lift upto 1.5 m, (one point five metre) as directed by Engineer- in-charge. All kinds of soil.	28.50			Per cubic metre
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering -All work up to plinth level 1:5:10 (1 cement :5 fine sand :10) graded stone aggregate 40 mm (forty millimetre) nominal size as per drawing and HP,PWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge.	61.43			Per cubic metre
3	Centering and shuttering including strutting, propping etcetra and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etcetra. Including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	65.94			Per square metre
4	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 110mm (One hundred ten millimetre) dia PVC (Polyvinyl Chloride) pipe extending through the full width of the structure with slope of 1 vertical :20 horizontal towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Charge.	40.00			Each
5	Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204.3.8 in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	11.10			Per cubic metre
				Total:-	


 Executive Engineer,
 B&R Division,
 HP PWD, Sarkaghat.

Schedule of Quantity

Name of work:- Construction of Gopal Mohin Chandruhi Road Km. 0/0 to 4/00 (SH:- C/O V-Shape Drain at RD 2/455 to 3/00 & C.C Pavement at RD 2/105 to 2/135) (Deposit work SDF).				Estimated cost :-	Rs. 185414 /-
				Earnest money:-	Rs. 3710 /-
				Time allowed:-	Three months
Sr.N o	Description of item/Sub Head	Quantity	Rate		Amount
			In Figure	In words	
1	Earth work in excavation in all kind of classification of soil in foundation of structures upto all depth/ height as per drawing and technical specification Clause 1104 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and back filling with approved material and disposal of all surplus excavated earth in specified site and direction of Engineer-in-charge complete.	85.84			Per cubic metre
2	Providing and laying cement concrete plain/ reinforced concrete 1:3:6 (one cement : three sand : six graded crushed stone aggregate 40mm (forty millimetre) nominal size) in open foundation complete as per drawing and technical specification cluse 802,803,1202 and 1203 including form work for plain/ reinforced concrete work as per drawing and HP,PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	38.16			Per Cubic Metre
3	Providing and laying cement concrete plain/ reinforced concrete 1:2:4 (one cement : two sand : four graded crushed stone aggregate 20mm (twenty millimetre) nominal size) in open foundation complete as per drawing and technical specification cluse 802,803,1202 and 1203 including form work for plain/ reinforced concrete work as per drawing and HP,PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	18.30			Per cubic metre
					Total:-


 Executive Engineer,
 B&R Division,
 HP PWD, Sarkaghat.

Schedule of Quantity

Name of Work:- A/R & M/O Chai Ka Dhora Samon Piplughat Road km. 2/900 to 4/100 (SH:- Providing and Fixing "W" Metal beam Crash Barrier railing various at RD 3/165 to 3/184 , 3/203 to 3/600, 3/619 to 3/638).				Estimated cost :- Earnest Money:- Time Limit		Rs.195813 /- Rs. 4000 /- One month.	
Sr. No	Description of item/Sub Head	Quantity	In Figure	Rates		Unit	Amount
				In words			
1	Earth work in excavation in all kind of classification of soil in foundation of structures upto all depth/ height as per drawing and technical specification Clause -305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and back filling with approved material and disposal of all surplus excavated earth in specified site and direction of Engineer-in-charge complete.	9.13				Per cubic metre	
2	Providing and laying cement concrete plain/ reinforced concrete 1:2:4 (one cement : two sand : four graded crushed stone aggregate 20mm (twenty millimetre) nominal size) in open foundation complete as per drawing and technical specification cluse 802,803,1202 and 1203 including form work for plain/ reinforced concrete work as per drawing and HP,PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	9.13				Per cubic metre	
3	Providing and erecting Type -A"W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail to be Kep 70 cm above road ground leaveel to be fixed on ISMC series channel vertical 150 x 75 x 5 mm (one hundred fifty in to seventy five in to five)to spaced 2 m centre to centre to be kept 1.1 0 mtr bellow ground /road level . All steal parts and fitments to be galvanised by hot dip process. All fitting to conform to IS; 1367 and 1364 as amanded up to date meatel beam rail to be fixed on the vertical post with space of channel section 150x75x5 mm and 330 mm long complete as per clauses 810 confirming to MORTH specation i/c all fitting required at road site of materials as per the direction of Engineer in charge.	76				Per running metre	
						Total:-	


 Executive Engineer,
 B&R Division,
 HP PWD, Sarkaghat.

SCHUDULE OF QUANTITY

NAME OF WORK :- Special Repair B.M.O. Residence Building at CHC Baldwara in Tehsil Baldwara Distt Mandi (H.P) (Sh:- Repair to floors, walls, wooden shutters Doors, Painting and Distempingr etcetra).						Estimated cost		Rs. 343618 /-
						Earnest	Time allowed:-	Rs. 7000 /-
						Unit		Two months
Sr.No	Description of Item	Quantity	Rates		Unit	Amount		
			In figure	In words				
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres (fifty metr) Nominal concrete 1:4:8 or leaner mix (include equivalent design mix lead as per direction of Engineer - in - charge.	7.56			Per cubic metre			
2	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres(fifty metre) lead :Of area 3 sq. (three square) metres and below including carriage of materials within all leads and lifts and other incidental charges.	2.00			Per cubic metre			
3	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 & length (hold fast lugs or dash fastener shall be paid for separately Second class teak wood including carriage of materials within all leads and lifts and other incidental charges.	0.47 0.047			Per cubic metre			
4	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately 35 mm (thirty five millimetre) thick shutters within all leads and lifts and other incidental charges.	6.10			Per Square metre			
5	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm (one point four millimetre) in both directions with wire of dia 0.63 mm(zero point sixty three millimetre) for doors, windows and clerestory windows with hinges and necessary screws :Second class teak wood including carriage of materials within all leads and lifts and other incidental charges.	5.90			Per Square metre			
6	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :250x16 mm (two hundred fifty into sixteen millimetre) including carriage of materials within all leads and lifts and other incidental charges.	2.00			Each			
7	providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 100x10 mm (hundred into ten millimetre) within all leads and lifts and other incidental charges.	52.00			Each			
8	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 125 mm (one hundred twenty five millimetre)within all leads and lifts and other incidental	28.00			Each			

9	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty millimetre) thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etcetra within all leads and lifts and other incidental charges.	75.62		Per Square metre
10	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm (twelve millimetre)thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete Size of Tile 600x600 mm (six hundred into six hundred millimetre) within all leads and lifts and other incidental charges.	8.02		Per Square metre
11	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) 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 12 mm (twelve millimetre)thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete. within all leads and lifts and other incidental charges.	28.79		Per Square metre
12	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) within all leads and lifts and other incidental charges.	16.92		Per Square metre
13	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture within all leads and lifts and other incidental charges.	87.95		Per Square metre
14	Distempering 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 thinnable priming coat with cement primer within all leads and lifts and other incidental charges.	234.22		Per Square metre
15	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid within all leads and lifts and other incidental charges.	2.00		Each
16	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm (thirty two millimetre)C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 550x400 mm(five hundred fifty into four hundred millimetre) with a pair of 15 mm (fifteen millimetre) C.P. brass pillar taps within all leads and lifts and other incidental charges	1.00		Each
17	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.32 mm (thirty two millimetre) dia within all leads and lifts and other incidental charges.	1.00		Each

18	Providing and fixing 600x450 mm (six hundred into four hundred fifty millimetre)beveled edge mirror of superior glass (of approved quality) complete with 6 mm (six millimetre) thick hard board ground fixed to wooden cleats with C.P. within all leads and lifts and other incidental charges.	1.00			Each
19	Providing and fixing 600x120x5 mm (six hundred into one hundred twenty millimetre) glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm (forty millimetre)long screws, rawl plugs etcetra.complete within all leads and lifts and other incidental charges.	1.00			Each
20	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm (forty millimetre) including painting of fittings and brackets, cutting and making good the walls wherever required within all leads and lifts and other incidental charges.	1.00			Each
21	Providing and fixing toilet paper holder C.P. brass within all leads and lifts and other incidental charges.	2.00			Each
22	Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 31mm (thirty one millimetre)single piece moulded with height of 270 mm(two hundred seventy millimetre), effective length of tail pipe 260 mm (two hundred sixty millimetre) from the centre of the waste coupling, 77 mm (seventy seven millimetre)breadth with 25mm (twenty five millimetre) minimum water seal, weighing not less than 260 gms (two hundred sixty grams) within all leads and lifts and other incidental charges.	2.00			Each
23	6 mm (six millimetre) plaster on cement concrete or reinforced cement concrete work with white cement based polymer modified self curing mortar of approved make as per the direction of Engineer-In-Charge	2.00			Each
24	Providing and fixing PTMT bib cock of approved quality and colour 15 mm(fifteen millimetre) nominal bore, 90 mm (ninety millimetre) long, weighing not less than 93 gms (ninety three grams)within all leads and lifts and other incidental charges.	1.00			Each
25	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, includind cutting and making good the walls etcetra. 15 mm(fifteen millimetre) dia nominal bore within all leads and lifts and other incidental charges.	24.40			Per Running metre
26	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:893115 mm (fifteen millimetre) nominal bore within all leads and lifts and other incidental charges.	3.00			Each
27	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931 15 mm (fifteen millimetre) nominal bore within all leads and lifts and other incidental charges.	3.00			Each
28	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.15 mm(fifteen millimetre) nominal bore with 45 cm (forty five centimetre) length within all leads and lifts and other incidental charges.	3.00			Each

29	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etcetra. complete within all leads and lifts and other incidental charges.	234.22		Per Square metre
30	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm (eighteen millimetre) thick conforming to IS:14587 within all leads and lifts and other incidental charges.	82.08		Per Square metre
				Total:-


 Executive Engineer,
 B&R Division,
 HP PWD, Sarkaghat.

SCHEDULE OF QUANTITY

Name of Work:- A/R& M/O Rissa Surangri Bhaderwar via Garroru Km 0/0 to 8/500 (SH:- Construction of B/wall with Stone facia at RD 2/030 to 2/040).

Rs.140339/-

Estimated cost :-

Rs.2800/-

Earnest Money:-

One month

Time Limit

Sr.N o	Description of item/Sub Head	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Cutting In earth work in all kinds of soil such saturated soil pick work, jumper work, hard or soft blasting work including chiselling/wedging out of rock etcetra any other mixed classification of soil in all heights and depths including clearance of Jungles and uprooting of trees and bushes etcetra stacking the serviceable materials in specified stacks and disposing of all surplus excavated earth with in all leads and lifts disposed earth to be neatly levelled and dressed complete as per the direction of Engineer-in-charge.	12.70			Per cubic metre	0
2	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge All kinds of soil.	1.80			Per cubic metre	0
3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :Cement mortar 1:6 (1 cement : 6 coarse sand) with in all lead and lift and as per the direction of Engineer -in -charge.	10.10			Per cubic metre	0
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) with in all lead and lift and as per the direction of Engineer -in -charge.	19.10			Per cubic metre	0
5	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 100mm (One hundred) dia PVC pipe extending through the full width of the structure with slope of 1 vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614,709,1204,3.7 in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer-in-charge.	18			Each	0
					Total:-	


Executive Engineer,

B&R Division,

HP PWD, Sarkaghat.

DRAFT SCHEDULE OF QUANTITY

Estimated Cost Rs. 193000/- only
Earnest Money 3900/- only
Time :- One month.

Name of work :- Construction of Rest house Baldwara (SH:- Preparation of detailed estimate and Technical section for Construction of Building portion, Water supply & Sanitary Installation, RWH system and Site development)

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			Figure	Words		
1	2	3	4	5	6	7
1	Job work for preparation of detailed estimate as per architect drawings for construction of Rest house Baldwara Distt. Mandi HP. The job work also include supplying detail estimate based on HPSR 2020 with presently market rates duly sported with analysis of rate for schedule item and market rate for non schedule items the job work shall include supplying and approval of estimate in quadruplicate as direction of Engineer-in-charge.	1.00 Per job			Per job.	
					Total	


 Executive Engineer
 Sarkaghat Division
 HPPWD Sarkaghat

SCHEDULE OF QUANTITY

Name of Work:-A/R & M/O Rissa Berri road Km 0/0 to 9/0 (SH:- Providing and laying CC pavement in 1:1.1/2:3 at km 5/750 to 5/871)				Estimated cost :-		Rs.4,98,759/-
				Earnest Money:-		Rs.10000/-
				Time Limit		One month
Sr. No	Description of item/Sub Head	Quantity	Rates		Unit	Amount
			In Figure	In words		
1	Centering and shuttering including strutting, propping etcetra. and removal of form work for :Retaining walls, return walls, walls (any thickness) including attached sters, pilasters buttresses, plinth and string courses fillets,kerbs and steps etcetra within all lead and lift and asper the direction of Engineer-in -charge.	49.64			per sqm	0.00
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering 1:1½:3 (1 Cement: 1½ coarse sand) : 3 graded stone aggregate 20 mm nominal size within all lead and lift and asper the direction of Engineer-in -charge.	75.02			cum	0.00
				Total:-		


 Executive Engineer
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 Sarkaghat

SCHEDULE QUANTITY

Name of Work:- A/R & M/O Sarnota Bhadroi Road in km 0/0 to 5/500 (SH:- Construction of R/wall in PCC 1:5:10 at RD 0/970 to 0/978).

Sr. No	Description of item/Sub Head	Quantity	Rates		Unit	Amount
			In Figure	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) manual means over areas exceeding 30 cm (thirty centimetre) in depth, 1.5 m (one point five metre) in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m (fifty metre) and lift upto 1.5 m, (one point five metre) as directed by Engineer- in-charge. All kinds of soil.	19.36			Per cubic metre	
2	Centering and shuttering including strutting, propping etcetra and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses filets, kerbs and steps etcetra. Including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	69.96			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering -All work up to plinth level 1:5:10 (1 cement :5 fine sand :10) graded stone aggregate 40 mm (forty millimetre) nominal size as per drawing and HP, PWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge.	49.36			Per cubic metre	
4	Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204.3.8 in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	8.40			Per cubic metre	
5	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 110mm (One hundred ten millimetre) dia PVC (Polyvinyl Chloride) pipe extending through the full width of the structure with slope of 1 vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Charge.	18.00			Each	
					Total:-	


 Executive Engineer,
 B&R Division,
 HP PWD, Sarkaghat.