

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

Office of the Executive Engineer, Division HPPWD Solan.

Email: ee-sol-hp@nic.in Land line NO:-Fax NO:-01792-223811

No.PW-SD/CB-Tender/-22-23- 287-21

24-8-22
Dated:-


To

✓ The Executive Engineer (IT Cell),
Nigam Vihar, Nirman Bhawan,
HPPWD, Shimla-2
Email ID:-cc-pwd-hp@nic.in

Subject: - Publication of e-Tender Notice.


Enclosed please find herewith the Tender Notice of the works as given in the Notice inviting Tender for uploading on departmental website as per Notification Pr. Secy(PW) to the Govt. of HP letter NO.PBW(B)A(3)1/2020 dated: 19th June, 2021 as the work mentioned in the tender notice are urgent in nature and in public interest.

Encl: - Schedule of quantities.


Executive Engineer,
Solan B & R Division,
H.P.P.W.D, Solan.

Copy along with tender notice forwarded for information and necessary action please to:-

1. The Chief Engineer (S.Z), H.P.P.W.D., Nirman Bhawan, Nigam Vihar, Shimla.
2. The Superintending Engineer, 3rd Circle, HP.PWD, Solan.
3. The Drawing Branch & Accounts Branch of this office.
4. Notice Board.


Executive Engineer,
Solan B & R Division,
H.P.P.W.D, Solan.

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER**

Sealed item rate tenders are hereby invited on Form No.6 & 8 by the Executive Engineer, Solan B&R Division, H.P. PWD. Solan (H.P.) on behalf of the Governor of Himachal Pradesh for the following works from the registered contractors of appropriate class enlisted in H.P.PWD, whose registrations stood renewed as per revised instructions and also registered dealers under the Himachal Pradesh, General Sales Tax Act.1968. The important dates of tender are as under:

Sr.No.	Tender Schedule		
1	The last date for receipt of application for tender form.	30.08.2022	Upto 4.00 P.M.
2	The last date sale of tender forms.	31.08.2022	Upto 4.00 P.M.
3	The date for receipt of tender forms.	01.09.2022	Upto 10.30 A.M.
4	The date of opening of tender	01.09.2022	At 11.00 A.M.

The tender shall be received upto **10.30 A.M. on 01.09.2022** and will be opened on the same day at **11.00 AM** in the presence of office against cash payment as shown below (Non-refundable) during the working hours. The earnest money in the shape of National Saving Certificate, FDRs/Account/Saving account in any of the Post Office/ Nationalized Bank in H.P. duly intending contractors or their authorized representatives who may like to be present. The tender form can be had from this pledged in favour of the Executive Engineer, (B&R) Division, H.P.PWD, Solan must accompany with each tender, conditional tenders and the tenders received without earnest money will simultaneously be rejected. The offer of the tender shall be kept open for 120 days. The Executive Engineer reserves the right to reject the tender without assigning any reason.

Sr. No	Name of work	Estimated Cost. (Rs.)	Earnest Money (Rs)	Time	Cost of Form
1.	"A/R & M/O of Type-III Qtrs PWD Colony Jawahar Park Solan(SH:-Construction of Ramp, flooring and sanitary fittings etc".	4,53,548/-	9,100/-	Two Months	Rs.350/-
2.	"A/R & M/O of Type-III Qtrs Set NO.3 PWD Colony Jawahar Park Solan(SH:-Providing and fixing wood work, painting, distempering and sanitary fittings etc".	2,18,866/-	4,400/-	Two Months	Rs.350/-
3.	"A/R & M/O of Type-I Qtrs Set NO.4 ITI Colony at Solan(SH:-Providing and laying flooring, wood work, painting and distempering and sanitary fittings etc".	3,22,735/-	6,500/-	Two Months	Rs.350/-
4.	"A/R & M/O of Type-I Qtrs Set NO.5 ITI Colony at Solan(SH:-Providing and laying flooring, wood work, painting and distempering and sanitary fittings etc".	3,28,470/-	6,600/-	Two Months	Rs.350/-
5.	"Restoration of rain damages on various road under Oachghat Sub-Division(SH:-Hiring of JCB/Loader-cum-excavator for removal of slips on Oachghat & Jatoli Section".	99,750/-	2,000/-	Three Months	Rs.350/-
6.	"Restoration of rain damages on various road under Oachghat Sub-Division(SH:-Hiring of JCB/Loader-cum-excavator for removal of	96,600/-	1950/-	Three Months	Rs.350/-

	slips on Gaura Section”.				
7.	“Restoration of rain damages on various road under Kandaghat Sub-Division(SH:-Hiring of JCB/Loader-cum-excavator for removal of slips on Chail Section”.	1,90,000/-	3,800/-	Three Months	Rs.350/-
8.	“Restoration of rain damages on various road under Kandaghat Sub-Division(SH:-Hiring of JCB/Loader-cum-excavator for removal of slips on Chausha section”.	1,99,500/-	3,800/-	Three Months	Rs.350/-
9.	“A/R & M/O of HRTC work Shop Kather District Jail road Km.0/0 to 2/0(SH:-Clearance of choked drain, trimming of grass Maintenance of earthen shoulder and removal of slips between Km.0/0 to 2/0”.	4,36,304/-	8,800/-	One Month.	Rs.350/-
10.	“Repair and maintenance of Septic tank at CTL Kandaghat(Deposit work)”.	1,46,700/-	3,000/-	One Month.	Rs.350/-

TERMS & CONDITIONS:-

1. The tender form will not be issued to those contractors whose performance has been found unsatisfactory
2. The contractor should have submitted the proof of registration, EPF No. & GST No. at the time of tender application. Failure should not be issued tender forms. Application without earnest money will not be entertained.
3. Executive Engineer reserves the right to reject or cancel any or all the tenders without assigning any reasons.

SCHEDULE OF QUANTITY

Description of work		Qty.	Unit	RATE In		AMOUNT
Sl. No.				Figures	Words	Rs.
Job No. 1						Estimated Cost: - 453548.00
						Earnest Money: - 9100.00
						Time limit: - Two Months
Name of work: Annual repair and maintenance of Type -III quarter PWD. Colony Jawahar Park Solan (SH:- Construction of Ramp , flooring and sanitary fitting etc.)						
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains including dressing of sides and ramming of bottoms, lift upto any height , including getting out the excavated soil and disposal of surplus excavated soils of ordinary rocks directed, within a lead of 50 mtr. as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental	24.750 m3	Per Cubic Meter			
2	Providing and laying cement concrete 1:2:4 (1 Cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) in retaining walls, return walls, walls (any thickness) including attached pillars, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing as per H.P. PWD. specification including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	5.250 m2	Per Square Meter			
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works in position and applying a priming coat of approved steel primer using structural steel etc. as required as per HP.PWD. Specification cluding carriage of all labour equipment and material to various locations through all modes of transportation in all lead and lift and all incidental charges.	2588.680 kg	Per kilo-gramme			
4	Providing and laying 600x600 mm 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 thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), pointing with grey cement slurry @ 3.3 kg /sqm including grouting the joint with white cement & matching pigments etc. complete as per HP.PWD. Specification and as per direction of Engineer in Charge including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	68.550 m2	Per Square Meter			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
5	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	2.000	No	Each		
6	Providing and fixing Stainless steel Kitchen sink with drain board 610 x 510mm with bowl depth 200 mm as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	3.000	No	Each		
7	Providing and fixing White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps 32mm (thirty two millimeters) dia C.P. Brass waste for wash basin or sink as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	3.000	No.	Each		
8	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	3.000	No	Each		
9	Providing and fixing 10 (ten) litre capacity (White) P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, Cera, Hindware or equelent make with all fittings and fixtures complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	2.000	No	Each		
10	Providing and fixing 32 mm dia P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete as per HP.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	5.000	No.	Each.		

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
11	Providing and fixing 15 mm (fifteen millimeters) nominal bore C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	5,000 No	Each			
12	Providing and fixing PTMT angle cock of approved quality and colour 15 mm with flange as per HP PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	10,000 No	Each			
Total :-						

Total in Words

T/S No. 120 for the 2022-23.
Sr. No. 151 for the year 2022-23.


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

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT
				Figures	Words	
Job No. :- 2						
				Estimated Cost: -	218866.00	
				Earnest Money: -	4400.00	
				Time limit :-	Two Months	
Name of work: Annual repair and maintenance of Type-III quarter Set No. 3 PWD. Colony Jawahar Park Solan (SH:- Providing and Fixing wood work, painting, distemping and sanitary fitting etc.)						
1	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position in Sal wood wood as per H.P.PWD. Specification, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	0.350 m3	Per Cubic Meter			
2	Providing and fixing Second class teak wood 35 mm thick shutters 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 as per HP.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts, including all incidental charges.	10.690 m2	Per square meter			
3	Providing and fixing Second class teak wood wire gauge shutters using galvanized mild steel wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 for door, windows and clear story windows with hinges and necessary screws 35mm (thirty five millimeter) thick second class teak wood as per HP.PWD specification 1990 volume-I, including carriage of all labour equipment and material to various location through all modes of transportation in all leads lifts and all incidental charges.	5.400 m2	Per square metre			
4	Providing and fixing mild steel Tower bolts (barrel type) anodized transparent or dyed to required shade and color with screws etc. Complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all					
5	250*10(Two hundred fifty into Ten) millimeters size	10.000 No.	Each			
6	200*10 (two Hundred Fifty into Ten) millimeters size	15.000 No.	Each			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
7	Providing and fixing anodized aluminum Sliding Door Bolts 300*16 (Three hundred* Sixteen) millimeters size anodized transparent or dyed to required shade and color with screws etc. Complete as per direction of Engineer in Charge as per HP.PWD. Specification, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	5.000 No.	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 as per HP.PWD. Specification, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.					
8.1	125mm (One hundred twenty five) millimeters size.	12.000 No.	Each			
8.2	100mm ((One hundred only) millimeters size.	16.000 No.	Each			
9	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per direction of Engineer in Charge and as per HP.PWD. Specification including carriage of all labour, equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	274.920 m2	Per Square Meter			
10	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts.	274.920 m2	Per square meter.			
11	Distemping two coat with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour as per direction of Engineer-in-Charge, and HP.PWD. specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	274.920 m2	Per square metre			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
12	Distemping Old work (one or more coats) with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade as per HP.PWD. Specification 1including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts.	86.910 m2	Per square meter.			
13	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer- In-	65.280 m2	Per Square Meter			
14	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift including all incidental charges.	1.000 No	Each			
15	Providing and fixing White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps 32mm (thirty two millimeters) dia C.P. Brass waste for wash basin or sink as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	1.000 No.	Each			
16	Providing and fixing 15 mm dia nominal bore G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	40.000 m	Per Running Meter			
17	Providing and fixing Stainless steel Kitchen sink with drain board 610 x 510mm with bowl depth 200 mm as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	1.000 No	Each			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
18	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	1.000	No	Each		
19	Providing and fixing 10 (ten) litre capacity (White) P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, Cera, Hindware or equelent make with all fittings and fixtures complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental	1.000	No	Each		
20	Providing and fixing 600mmx450mm (six hundred into four hundred fifty milimeter) beveled edge mirror of superior glass mounted on 6mm(six millimeters thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. brass screws and washers as per HP.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts, including all incidental charges.	1.000	No	Each		
21	Providing and fixing 15mm nominal bore brass ball valve (horizontal plunger type) High pressure with polythene plastic floats complete in all respect as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	2.000	No	Each		
22	Providing and fixing 15 mm (fifteen milimeters) nominal bore uplasticised PVC connection pipe 45 cm length with brass unions as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	5.000	No	Each		
23	Providing and fixing 15 mm (fifteen milimeters) nominal bore C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	4.000	No	Each		
24	Providing and fixing chromium plated stop cock 15mm (fifteen milimeters) dia as per the direction of Engineer in Charge and as per HP.PWD. Specification i/c carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lifts i/c all incidental charges.	2.000	No	Each		

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
25	Providing and fixing 15mm (fifteen millimeters) nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	8.000	No	Each		
26	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all					
26.1	110 mm (one hundred ten millimeters) dia.	30.000	m	Per Running Meter		
26.2	90 mm (ninety millimeters) dia.	28.000	m	Per Running Meter		
27	Providing and fixing PVC clamps ISI marked of approved design with steel screws and rawal plugs etc. complete to wall ceiling and floor as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.					
27.1	110 mm (one hundred ten millimeters) dia	10.000	No	Each		
27.2	90 mm (ninety millimeters) dia.	10.000	No	Each		
Total :-						

Total in Words

T/S No. 121 for the 2022-23.
Sr. No. 150 for the year 2022-23.


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

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures		
				Words		
				Estimated Cost: -		
Job No. :- 3				322735.00		
				Earnest Money: -		6500.00
				Time Limit: -		Two Months.
Name of work: - Annual Repair and maintenance of Type -I quarter Set No. 4 ITI Colony Solan (SH:- Providing and laying flooring, wood work, painting and distempering & Sanitary fittings etc.)						
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material with in all lead as per H.P. PWD. specification including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	1.550 m3	Per Cubic Meter			
2	Reinforced cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size) in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor all level, excluding the cost of centering, shuttering, finishing as per H.P. PWD. specification including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges	0.440 m3	Per Cubic Meter			
3	Steel reinforcement for R.C.C. work Thermo-Mechanically Treated bars of grade Fe-500D or more. including straightening, cutting, bending, placing in position and binding all complete upto plinth level as per H.P. PWD. specification including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	50.000 kg	Per Kilogramme			
4	Providing form work with steel plates 3.15 (Three point One Five) millimetres thick welded with angle iron in frame 30*30*5 (Thirty into Thirty into Five) millimetres, so as to give a fair finish including centering, shuttering, strutting and propping etc. in Suspended floors, roofs, landings, balconies and access platform. with wooden/steel battens and ballies in all heights of propping and centering below supporting floor to ceiling and removal of the same in-situ-reinforced concrete as per HP.PWD) specification including carriage of all labour equipments and materials to various location of site through all modes of transportation in all leads and lifts, including all incidental charges in :-	5.180 m2	Per square meter.			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in Cement mortar 1:4 (1 cement :4 coarse sand in superstructure above plinth level up to floor level. superstructure above plinth level to up to all floor level,including carriage of all labour equipment and material to various location through all modes of transportation in all lead, lift, other incidental charges and as per direction of engineer in charge.	2.880 m2	Per square meter.			
6	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc.complete at all levels. Area of slab over 0.50 sqm. as per H.P.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	3.180 m2	Per square Meter			
7	Providing and fixing 18 (Eighteen) millimeters thick water proof commercial board with hard wood edging in shelves/box of cup boards with hard wood edging on exposed surface including nickel plated piano hinges with necessary screws complete as per drawing and direction of the Engineer-in-Charge and H.P.PWD. Specification, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	21.920 m2	Per square metre			
8	Providing and fixing Second class teak wood 35 mm thick shutters 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-incharge. (Note:- Butt hinges and necessary screws shall be paid separately as per H.P.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	7.870 m2	Per square meter			
9	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position in Sal wood wood as per H.P.PWD. Specification, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	0.280 m3	Per Cubic Meter			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
10	Providing and fixing Second class teak wood wire gauge shutters using galvanized mild steel wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 for door, windows and clear story windows with hinges and necessary screws 35mm (thirty five millimeter) thick second class teak wood as per HP.PWD specification 1990 volume-I, including carriage of all labour equipment and material to various location through all modes of transportation in all leads lifts and all incidental charges.	5,000 m2	Per square metre			
11	Providing and fixing mild steel Tower bolts (barrel type) anodized transparent or dyed to required shade and color with screws etc. Complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.					
11.1	250*10(Two hundred fifty into Ten) millimeters size	8,000 No.	Each			
11.2	150*10 (two Hundred Fifty into Ten) millimeters size	15,000 No.	Each			
12	Providing and fixing bright finished brass handles with screws etc. as per HP.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.					
12.1	125 mm (one hundred twenty five melimeter)	10,000 No	Each			
12.2	100 mm (one hundred melimeter)	15,000 No	Each			
13	Providing and fixing 25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary serews ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters as per H.P.PWD. Specification, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	11,040 m2	Per square metre			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
14	Providing and fixing 2 (two)mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) as per direction of Engineer-in-Charge, and HP.PWD. specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	16.460 m2	Per square meter.			
15	Providing and laying virified floor tiles 5.5mm (five point five millimeters) thick in flooring (600x600mm) (three hundred into three hundred millimeters) size} treads of steps laid on a bed of 20mm (twenty millimeters) thick cement mortar 1:4 (1cement:4 sand) finished with flush pointing in white cement as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	21.200 m2	Per Square Meter			
16	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 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 as per HP.PWD. Specification and as per direction of Engineer in Charge including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	40.490 m2	Per Square Meter			
17	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per direction of Engineer in Charge and as per HP.PWD. Specification including carriage of all labour, equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	111.010 m2	Per Square Meter			
18	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts.	111.010 m2	Per square meter.			
19	Distempering One coat with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour as per direction of Engineer in Charge and as per HP.PWD. Specification including carriage of all labour, equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	111.010 m2	Per Square Meter			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
20	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer- In-Charge.	30.600 m2	Per Square Meter			
21	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior/exterior plastering upto all floor level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in Cement Mortar 1:4 (1Cement:4 Sand) as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts.	5.760 m2	Per square meter.			
22	Painting two or more coats on old work with synthetic enamel paint on new wood and wood based surface with ready mixed paint, brushing to give an even shade including cleaning all dirt, dust and other foreign matter, sand papering and stopping as per HP.PWD. specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges and as per direction of engineer in charge.	66.220 m2	Per Square Meter			
23	Providing and fixing 15 mm dia nominal bore G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	21.100 m	Per Running Meter			
24	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	1.000 No	Each			
25	Providing and fixing White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps 32mm (thirty two millimeters) dia C.P. Brass waste for wash basin or sink as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	1.000 No.	Each			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
26	Providing and fixing Stainless steel Kitchen sink with drain board 610 x 510 mm with bowl depth 200 mm as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	1.000	No	Each		
27	Providing and fixing 10 (ten) litre capacity (White) P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, Cera, Hindware or equivalent make with all fittings and fixtures complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	1.000	No	Each		
28	Providing and fixing 15mm nominal bore brass ball valve (horizontal plunger type) High pressure with polythene plastic floats complete in all respect as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	2.000	No	Each		
29	Providing and fixing 32 mm (thirty millimeters) dia P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	4.000	No	Each		
30	Providing and fixing 100 mm sand cast Iron grating for gully trap as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	4.000	No	Each		
31	Providing and fixing 600mmx450mm (six hundred into four hundred fifty millimeter) beveled edge mirror of superior glass mounted on 6mm (six millimeters thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. brass screws and washers as per HP.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts, including all incidental charges.	1.000	No.	Each		
32	Providing and fixing 600x120x5 mm (six hundred into one hundred twenty into five millimeter) Glass Shelf with C.P. Brass bracket and guard rail complete, with 40 mm long screws, rawl plugs etc or equivalent as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	1.000	No	Each		

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
33	Providing and fixing PTMT towel rail complete with C.P brass screws and washers 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms. as per HP.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts including all incidental charges.	1.000 No.	Each			
34	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws as per H.P.PWD. Specification including carriage of all labour, equipments and materials to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	1.000 No.	Each			
35	Providing and fixing 15 mm (fifteen millimeters) nominal bore uplasticised PVC connection pipe 45 cm length with brass unions as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	4.000 No.	Each			
36	Providing and fixing 15 mm (fifteen millimeters) nominal bore C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	4.000 No.	Each			
37	Providing and fixing chromium plated stop cock 15mm (fifteen millimeters) dia as per the direction of Engineer in Charge and as per HP.PWD. Specification i/c carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lifts i/c all incidental charges.	2.000 No.	Each			
38	Providing and fixing PTMT angle cock of approved quality and colour 15 mm with flange as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	6.000 No.	Each			
39	Providing and fixing 500 litres net capacity tank PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level as per HP.PWD specification 1990 (One thousand Nine hundred Ninety) Volume-I, including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	1.000 No.	Each.			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
40	Providing and fixing C.P. brass bib trap with capstan head 15mm (fifteen millimeter) dia as per HP.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	2.000	No	Each.		
Total in Words						

T/S No.114 for the 2022-23.
Sr. No.,160 for the year 2022-23.


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

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT
				Figures	Words	Rs.
Job No. :- 4				Estimated Cost: -		328470.00
				Earnest Money: -		6600.00
				Time Limit: -		Two Months.
Name of work: - Annual Repair and maintenance of Type -I quarter Set No. 5 ITI Colony Solan (SH:- Providing and laying flooring, wood work, painting and distemping & Sanitary fittings etc.)						
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material with in all lead as per H.P. PWD. specification including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	1.550 m3	Per Cubic Meter			
2	Reinforced cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size) in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor all level, excluding the cost of centering, shuttering, finishing as per H.P. PWD. specification including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges	0.440 m3	Per Cubic Meter			
3	Steel reinforcement for R.C.C. work Thermo-Mechanically Treated bars of grade Fe-500D or more. including straightening, cutting, bending, placing in position and binding all complete upto plinth level as per H.P. PWD. specification including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	49.720 kg	Per Kilogramme			
4	Providing form work with steel plates 3.15 (Three point One Five) millimetres thick welded with angle iron in frame 30*30*5 (Thirty into Thirty into Five) millimetres, so as to give a fair finish including centering, shuttering, strutting and propping etc. in Suspended floors, roofs, landings, balconies and access platform, with wooden/steel battens and ballies in all heights of propping and centering below supporting floor to ceiling and removal of the same in-situ-reinforced concrete as per HP.PWD specification including carriage of all labour equipments and materials to various location of site through all modes of transportation in all leads and lifts, including all incidental charges in :-	5.180 m2	Per square meter.			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in Cement mortar 1:4 (1 cement : 4 coarse sand in superstructure above plinth level up to floor level. superstructure above plinth level to up to all floor level, including carriage of all labour equipment and material to various location through all modes of transportation in all lead, lift, other incidental charges and as per direction of engineer in charge.	2.880 m2	Per square meter.			
6	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Area of slab over 0.50 sqm. as per H.P.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	3.18 m2	Per square Meter			
7	Providing and fixing 18 (Eighteen) millimeters thick water proof commercial board with hard wood edging in shelves/box of cup boards with hard wood edging on exposed surface including nickel plated piano hinges with necessary screws complete as per drawing and direction of the Engineer-in-Charge and H.P.PWD. Specification, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	21.920 m2	Per square metre			
8	Providing and fixing Second class teak wood 35 mm thick shutters 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 as per H.P.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	7.870 m2	Per square meter			
9	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position in Sal wood wood as per H.P.PWD. Specification, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	0.280 m3	Per Cubic Meter			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
10	Providing and fixing Second class teak wood wire gauge shutters using galvanized mild steel wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 for door, windows and clear story windows with hinges and necessary screws 35mm (thirty five millimeter) thick second class teak wood as per HP.PWD specification 1990 volume-I, including carriage of all labour equipment and material to various location through all modes of transportation in all leads lifts and all incidental charges.	5.000 m2	Per square metre			
11	Providing and fixing mild steel Tower bolts (barrel type) anodized transparent or dyed to required shade and color with screws etc. Complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.					
11.1	250*10(Two hundred fifty into Ten) millimeters size	8.000 No.	Each			
11.2	150*10 (two Hundred Fifty into Ten) millimeters size	15.000 No.	Each			
12	Providing and fixing bright finished brass handles with screws etc. as per HP.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.					
12.1	125 mm (one hundred twenty five melimeter)	10.000 No	Each			
12.2	100 mm (one hundred melimeter)					
13	Providing and fixing 25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Plane hinges IS : 3818 marked with necessary screws ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters as per H.P.PWD. Specification, including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	15.000 No 11.040 m2	Each Per square metre			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
14	Providing and fixing 2 (two)mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalised finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) as per direction of Engineer-in-Charge, and HP.PWD. specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	16.460 m2	Per square meter.			
15	Providing and laying virified floor tiles 5.5mm (five point five millimeters) thick in flooring (600x600mm) (three hundred into three hundred millimeters) size; treads of steps laid on a bed of 20mm (twenty millimeters) thick cement mortar 1:4 (1cement:4 sand) finished with flush pointing in white cement as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	21.200 m2	Per Square Meter			
16	Providing and laying Vittrified 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 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 as per HP.PWD. Specification and as per direction of Engineer in Charge including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	40.490 m2	Per Square Meter			
17	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per direction of Engineer in Charge and as per HP.PWD. Specification including carriage of all labour, equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	111.010 m2	Per Square Meter			
18	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts.	111.010 m2	Per square meter.			
19	Distemping <u>One coat</u> with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour as per direction of Engineer in Charge and as per HP.PWD). Specification including carriage of all labour, equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	111.010 m2	Per Square Meter			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
20	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer- In-Charge.	45.000 m2	Per Square Meter			
21	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior/exterior plastering upto all floor level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in Cement Mortar 1:4 (1Cement:4 Sand) as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts.	5.760 m2	Per square meter.			
22	Painting two or more coats on old work with synthetic enamel paint on new wood and wood based surface with ready mixed paint, brushing to give an even shade including cleaning all dirt, dust and other foreign matter, sand papering and stopping as per HP.PWD. specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges and as per direction of engineer in charge.	66.220 m2	Per Square Meter			
23	Providing and fixing 15 mm dia nominal bore G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	21.100 m	Per Running Meter			
24	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	1.000 No	Each			
25	Providing and fixing White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps 32mm (thirty two millimeters) dia C.P. Brass waste for wash basin or sink as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	1.000 No.	Each			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
26	Providing and fixing Stainless steel Kitchen sink with drain board 610 x 510 mm with bowl depth 200 mm as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	1.000 No	Each			
27	Providing and fixing 10 (ten) litre capacity (White) P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, Cera, Hindware or equelent make with all fittings and fixtures complete as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	1.000 No	Each			
28	Providing and fixing 15mm nominal bore brass ball valve (horizontal plunger type) High pressure with polythene plastic floats complete in all respect as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	2.000 No	Each			
29	Providing and fixing 32 mm (thirty millimeters) dia P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete as per HP.PWD. Specification 1 including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	4.000 No	Each			
30	Providing and fixing 100 mm sand cast Iron grating for gully trap as per HP.PWD. Specification including carriage of all labour equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	4.000 No	Each			
31	Providing and fixing 600mmx450mm (six hundred into four hundred fifty millimeter) beveled edge mirror of superior glass mounted on 6mm(six millimeters thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. brass screws and washers as per HP.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	1.000 No	Each			
32	Providing and fixing 600x120x5 mm (six hundred into one hundred twenty into five millimeter) Glass Shelf with C.P. Brass bracket and guard rail complete, with 40 mm long screws, rawl plugs etc or equivalent as per HP.PWD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	1.000 No	Each			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
33	Providing and fixing PTMT towel rail complete with C.P brass screws and washers 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms. as per HP.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts including all incidental charges.	1.000 No.	Each			
34	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws as per H.P.PWD. Specification including carriage of all labour, equipments and materials to various locations through all modes of transportation in all leads and lifts, including all incidental charges.	1.000 No	Each			
35	Providing and fixing 15 mm (fifteen millimeters) nominal bore uplasticised PVC connection pipe 45 cm length with brass unions as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	4.000 No	Each			
36	Providing and fixing 15 mm (fifteen millimeters) nominal bore C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	4.000 No	Each			
37	Providing and fixing chromium plated stop cock 15mm (fifteen millimeters) dia as per the direction of Engineer in Charge and as per HP.PWD. Specification i/c carriage of all labour, equipment and material to various location through all modes of transportation in all lead and lifts i/c all incidental charges.	2.000 No	Each			
38	Providing and fixing PTMT angle cock of approved quality and colour 15 mm with flange as per HP.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	6.000 No	Each			
39	Providing and fixing 500 litres net capacity tank PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level as per HP.PWD specification 1990 (One thousand Nine hundred Ninety) Volume-I, including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts including all incidental charges.	1.000 No.	Each.			

SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
40	Providing and fixing C.P. brass bib trap with capstan head 15mm (fifteen milimeter) dia as per HP.PWD specification including carriage of all labour equipments and materials to various location through all modes of transportation in all leads and lifts , including all incidental charges.	2.000 No	Each.			
Total in Words						

T/S No.115 for the 2022-23.
Sr. No. 161 for the year 2022-23.


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

DRAFT SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
Job No. :- 5				Estimated Cost: -		99750.00
				Earnest Money: -		2000.00
				Time: -		Three Months
Name of work: - Restoration of Rain damages on various road under Oachghat Sub- Division (SH :- Hiring of JCB / loader cum-excavator for removal of slips on Oachghat & Jatoli Section)						
	Hiring of JCB / loader cum-excavator .	105.000 hr.	Per hour	950.00	Rupees Nine Hundred & Fifty Only	99750.00
Terms and Conditions :-						
Hire charges should include expenses on account of establishment, POL Major and minor repairs /over hauling and replacement of tyres and batteries if reqd.						
(a)	Hire charges should also include insurance of machinery/vehicles and establishment and the department shall not be responsible for any fatal/non fatal accidents.					
(b)	Hire charges should also include all local or out side taxes including of road tax entry tax and other taxes if any.					
(c)	Hire charges shall be payable only on signing of contract agreement and bringing the machinery/vehicles to the site as per the direction of Engineer-in-Charge.					
(d)	Minimum work as per PWD norms must be executed by the machinery hired.					
(e)	The bucket and loader capacity of JCB cum-excavator should not be less than 0.24 cum and one cum.					
(f)	Respectively and BHP is 72. The machinery should be of latest Model .					
(g)	Quantity of excavated/removed material should not be less than 28 cum/per hour					
Total :-						99750.00

Total in Words

Rupees Ninety Nine Thousand Seven Hundred & Fifty Only
Sr. No. 167 for the year 2022-23.

Draft Schedule of Quantity approved for Rs. 99750.00 only.

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


DRAFT SCHEDULE OF QUANTITY

Sl. No.		Description of work	Qty.	Unit	RATE In		AMOUNT
					Figures	Words	Rs.
Job No. :- 6						Estimated Cost: -	96900.00
						Earnest Money: -	1950.00
						Time: -	Three Months
Name of work: - Restoration of Rain damages on various road under Oachghat Sub- Division (SH :- Hiring of JCB / loader cum-excavator for removal of slips on Gaura Section)							
Hiring of JCB / loader cum-excavator .			102.000 hr.	Per hour.	950.00	Rupees Nine Hundred & Fifty Only	96900.00
Terms and Conditions :-							
(a) Hire charges should include expenses on account of establishment, POL Major and minor repairs /over hauling and replacement of tyres and batteries if reqd.							
(b) Hire charges should also include insurance of machinery/vehicles and establishment and the department shall not be responsible for any fatal/non fatal accidents.							
(c) Hire charges should also include all local or out side taxes including of road tax entry tax and other taxes if any.							
(d) Hire charges shall be payable only on signing of contract agreement and bringing the machinery/vehicles to the site as per the direction of Engineer-in-Charge.							
(e) Minimum work as per PWD norms must be executed by the machinery hired.							
(f) The bucket and loader capacity of JCB cum-excavator should not be less than 0.24 cum and one cum. Respectively and BHP is 72. The machinery should be of latest Model .							
(g) Quantity of excavated/removed material should not be less than 28 cum/per hour							
			Total :-				96900.00
Total in Words		Rupees Ninety Six Thousand Nine Hundred Only					
Sr. No. 168 for the year 2022-23.							

Total in Words

Rupees Ninety Six Thousand Nine Hundred Only
Sr. No. 168 for the year 2022-23.

Draft Schedule of Quantity approved for Rs. 96900.00 only.


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

DRAFT SCHEDULE OF QUANTITY

DRAFT SCHEDULE OF QUANTITIES				RATE In		AMOUNT
Sl. No.	Description of work	Qty.	Unit	Figures	Words	Rs.
Job No. :- 7				Estimated Cost :-		190000.00
				Earnest Money :-		3800.00
				Time :-		Three Month
Name of work: - Restoration of Rain damages on various road under Kandaghat Sub- Division (SH :- Hiring of JCB / loader cum-excavator for removal of slips on Chail Section)						
Hiring of JCB / loader cum-excavator .		200.000	hr.	Per hour.	950.00	Rupees Nine Hundred and 190000.00
Terms and Conditions :-						
(a)	Hire charges should include expenses on account of establishment, POI. Major and minor repairs /over hauling and replacement of tyres and batteries if reqd.				e bidgy	
(b)	Hire charges should also include insurance of machinery/vehicles and establishment and the department shall not be responsible for any fatal/non fatal accidents.					
(c)	Hire charges should also include all local or out side taxes including of road tax entry tax and other taxes if any.					
(d)	Hire charges shall be payable only on signing of contract agreement and bringing the machinery/vehicles to the site as per the direction of Engineer-in-Charge.					
(e)	Minimum work as per PWD norms must be executed by the machinery hired.					
(f)	The bucket and loader capacity of JCB cum-excavator should not be less than 0.24 cum and one cum. Respectively and BHP is 72. The machinery should be of latest Model .					
(g)	Quantity of excavated/removed material should not be less than 28 cum per hour					
Total :-						190000.00
Total in Words				Rupees One Lakh Ninety Thousand Only		
				Sr. No. 218 for the year 2022-23.		

Rupees One Lakh Ninety Thousand Only

Sr. No. 218 for the year 2022-23

Draft Schedule of Quantity approved for Rs. 190000.00 only.

[Signature]
Executive Engineer
B&R Division, HP.PWD, Solan.

DRAFT SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
Job No. :- 8				Estimated Cost :-		199500.00
				Earnest Money :-		4000.00
				Time :-		Three Months
Name of work :- Restoration of Rain damages on various road under Kandaghat Sub- Division (SH :- Hiring of JCB / loader cum-excavator for removal of slips on Chausha Section)						
	Hiring of JCB / loader cum-excavator .	210.000 hr.	Per hour.	950.00	Rupees Nine Hundred	199500.00
Terms and Conditions :-				need to verify		
(a)	Hire charges should include expenses on account of establishment, POL Major and minor repairs /over hauling and replacement of tyres and batteries if reqd.					
(b)	Hire charges should also include insurance of machinery/vehicles and establishment and the department shall not be responsible for any fatal/non fatal accidents.					
(c)	Hire charges should also include all local or out side taxes including of road tax entry tax and other taxes if any.					
(d)	Hire charges shall be payable only on signing of contract agreement and bringing the machinery/vehicles to the site as per the direction of Engineer-in-Charge.					
(e)	Minimum work as per PWD norms must be executed by the machinery hired.					
(f)	The bucket and loader capacity of JCB cum-excavator should not be less than 0.24 cum and one cum. Respectively and BHP is 72. The machinery should be of latest Model .					
(g)	Quantity of excavated/removed material should not be less than 28 cum/per hour					
Total :-						199500.00

Total in Words

Rupees One Lakh Ninety Nine Thousand Five Hundred Only

Sr. No. 210 for the year 2022-23.

Draft Schedule of Quantity approved for Rs. 199500.00 only.

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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITIES		RATE In		AMOUNT In
Sr. No.	Description of work	Quantity	Unit	Rs.
				Figures
Job No. :- 9				Estimated Cost :- 436304.00
				Earnest Money :- 8800.00
				Time limit :- One Month
Name of Work :- Annual repair and maintenance of HRTC work shp Kathar District Jail road km 0/0 to 2/0 (SH:- Clearance of choked drain, trimming of grass, Maintenance of Earben shoulderand VRemoval of slips between km 0/0 to 2/0)				
1	Removal of earth from the choked hill side drain manually and clearance of unlined drain to specified line, grade and level / dressing it on the berms/ shoulder portion or dispose surplus earth on the valley side / dumping site to be arranged by the contractor and also including trimming of grass, weeds etc. in all leads, lifts and carriage of materials as per direction of Engineer-in-Charge.	1500.00 m3	Per cubic meter	
2	Trimming of grass and weeds from the shoulder / berms and disposing of the same to suitable location including all leads, lifts and carriage of materials as per direction of Engineer-in-Charge.	1500.000 m2	Per Square meter	
3	Maintenance of Earthen shoulder by Stripping excess soil from the shoulder surface and dressing it in entire length to achieve the approved level and compacting with plate compactor at OMC as per drawings and Technical Specification Clause 1903, and as per direction of Engineer in Charge including carriage of all labour, equipment and material to various locations through all modes of transportation in all lead and lift and all incidental charges.	4500.000 m2	Per Square Meter	
4	White washing two coats on parapet walls and tree trunks including preparation of surface by cleaning scraping etc. as per technical specifications Clause 1915 (One nine one five) and as per direction of Engineer in Charge including carriage of all labour, equipment and material to various locations through all modes of transportation in all lead and lift and all incidental charges.	516.000 m2	Per Square Meter	
5	Removal of slips in all kinds of soil (including saturated soil but excluding boulders and rocky portion requiring blasting upto a distance of 20 metres disposing of un-serviceable materials, stacking serviceable materials and neatly dressing the surface P.PWD. specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	2069.50 m3	Per cubic meter	
Total:-				

Total in Words

T/S No 371 for the 2021-22

Sr No 482 for the year 2021-22.


 Executive Engineer
 B&R Division, HP PWD Solan.


SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
Job No. 0				Estimated Cost: -		146700.00
				Earnest Money: -		3000.00
				Time limit: -		One month

Name of work: - Repair and maintenance of Septic Tank at CTL Kandaghat (Deposit work)						
1	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse as per direction of Engineer in Charge and as per HP.PWD. Specification including carriage of all labour, equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	46.980 m2	Per square meter			
2	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with apiece of cloth lightly soaked in kerosene oil as per direction of Engineer in Charge and as per HP.PWD. Specification including carriage of all labour, equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	46.980 m2	Per square meter			
3	Clearance of sewage waste, water & garbage material from septic tank material carriage upto 1.00 km from site of work as per direction of Engineer in Charge and as per HP.PWD. Specification including carriage of all labour, equipment and material to various locations through all modes of transportation in all leads and lifts and all incidental charges.	1.000 No	Each			
Total:-						

Total in Words

T/S No. 133 for the 2022-23
Sr. No. 166 for the year 2022-23.


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

Exigency Certificate

It is certified that the tenders which were invited vide this Office NIQ NO.PW.SD.CB.Tender/2022-23-7817-21 dated: 24th August, 2022 are of emergent nature of work & in public interest.

Dated:-24th August, 2022

Place:-Solon.


**Executive Engineer,
Solon B & R Division,
H.P.P.W.D, Solon.**

