



**OFFICE OF THE EXECUTIVE ENGINEER**

**B & R DIVISION, HPPWD, SOLAN-173212**

TEL.NO:- 01792-223811 E-MAIL:- ee-sol-hp@nic.com

No.PW-SD/CB-Tender/-22-23- **9379-84**

Dated:- **22/09/22**


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: 19<sup>th</sup> June, 2021 as the work mentioned in the tender notice are urgent in nature and in public interest.

Encl: - Schedule of quantities.

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

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

1. The Chief Engineer (S.Z), HP.PWD, Nirman Bhawan, Nigam Vihar, Shimla.
2. The Superintending Engineer, 3<sup>rd</sup>. HP.PWD, Solan.
3. The Drawing Branch & Accounts Branch of this office.
4. Notice Board.

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

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT  
NOTICE INVITING TENDER  
(Exigency)**

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	Dates	Time
1	The last date for receipt of application for tender form.	30.09.2022	Upto 4.00 P.M.
2	The last date sale of tender forms.	01.10.2022	Upto 4.00 P.M.
3	The date for receipt of tender forms.	03.10.2022	Upto 10.30 A.M.
4	The date of opening of tender	03.10.2022	At 11.00 A.M.

The tender shall be received upto **10.30 A.M. on 03.10.2022** 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.	C/o Kathlighat to Katoh road km 0/0 to 2/0 under MNP (SH: F/c to jeepable road CD work & Soling in km 0/0 to 2/0)(SW: Providing and laying local earth for backfilling behind retaining walls km 0/200 to 0/250)	494854/-	9900/-	One Month	Rs.350/-
2.	C/o warehouse for the storage of EVMS & VVPATs in Kather, tehsil & distt. Solan (SH: Earth work in cutting for leveling upto courtyard from RD 0/020 to 0/030)	497604/-	10000/-	One Month	Rs.350/-
3.	C/o Paughat Haripur road (Shaheed roshan lal marg) km 0/0 to 9/0 under MNP (SW: c/o PCC B/wall at Rd 7/275	392886/-	7900/-	One Month	Rs.350/-

	to 7/295)				
4.	Restoration of rain damages on various road under Kandaghat sub-division (SH: hiring of JCB/loader cum excavator for removal of slips on kandaghat section-I)	194750/-	3900/-	Three months	Rs.350/-
5.	A/R & M/O various road under Kandaghat sub division (SH: Providing and fixing cat eyes, supplying and stacking of road side delineator, crash barricade W beam reflector in different reaches)	492500/-	9900/-	One Month	Rs.350/-
6.	A/R & M/O type-II qtr set No. 22 at tank road solan (SH: providing and laying flooring tiles, wood work, painting, distempering and sanitary fittings etc.)	264737/-	5300/-	One month	Rs.350/-
7.	A/R & M/O Block no 14 type-II qtr set No. 03 at housing board colony solan (SH: providing and laying flooring tiles, wood work, painting, distempering and sanitary fittings etc.)	423293/-	8500/-	One month	Rs.350/-
8.	A/R & M/O type-I qtr set No. 03 ITI colony at solan (SH: providing and laying flooring tiles, wood work, painting, distempering and sanitary fittings etc.)	329752/-	6600/-	One month	Rs.350/-
9.	A/R & M/O type-I qtr set No. 01 ITI colony at solan (SH: providing and laying flooring tiles, wood work, painting, distempering and sanitary fittings etc.)	330330/-	6650/-	One month	Rs.350/-
10	Repair and maintenance of bar room at district court complex Solan (SH: demolish work, brick work, wood work, steel work, plastering & painting etc.)	478355/-	9600/-	One month	Rs.350/-
11.	Restoration of rain damages on link from Chaura to Anji km 0/0 to 5/525	497086/-	9950/-	Fifteen days	Rs.350/-

	(SH: removal of land slide slips at RD 0/0 to 2/690)				
12	Restoration of rain damages on seri salalna km 0/0 to 1/500 (SH: removal of land slide slip at RD 0/0 to 0/510)	494172/-	9900/-	Fifteen days	Rs.350/-
13	Restoration on rain damages on solan rajgarh bye pass road km /0 to 5/410 (SH: removal of slips at various RD 0/570 to 0/590 and 0/650 to 0/700)	409492/-	8200/-	One month	Rs.350/-
14	Restoration on rain damages on solan rajgarh bye pass road km /0 to 5/410 (SH: removal of slips at various RD 4/050 to 0/090 and 4/850 to 4/870)	231300/-	4626/-	One month	Rs.350/-
15	A/R & M/O road under Kandaghat sub division in Sadhupul section (SH: Painting and writing of km stones, sign board & rain shelter etc.	144580/-	2900/-	One month	Rs.350/-
16	Improvement of black spot on wagnaghat subathu road km 0/0 to 18/250 (SH: ROFD at km 1/575 to 1/740)	453026/-	9100/-	Two months	Rs.350/-
17	Improvement of black spot on wagnaghat subathu road km 0/0 to 18/250 (SH: ROFD at km 2/010 to 2/205)	450201/-	9000/-	Two months	Rs.350/-
18	Balance work of repair and maintenance of Bar room at District Court Complex Solan. (SH: Demolish work, Brick work, wood work, plastering & painting etc.)	332444/-	6700/-	One Month	Rs.350/-
19	Restoration of rain damages on Solan meenus road km 0/0 to 2/0 (SH: C/o PCC B/wall at RD 1/050 to 1/065)	493646/-	9900/-	One Month	Rs.350/-
20	Annual repair and maintenance of Ballighati Ashwani khad road km 0/0 to 12/510 (SH: Clearance of side drain between km 0/0 to 6/0)	203550/-	4100/-	Fifteen Days	Rs.350/-



21	Restoration of rain damages on road from Kather bye pass to lower Kather area in km 0/0 to 0/500 (SH: Removal of land side slips at RD 0/320 to 0/360)	93629/-	1900-/	Fifteen Days	Rs.350/-
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**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.
3. Application without earnest money will not be entertained.
4. Executive Engineer reserves the right to reject or cancel any or all the tenders without assigning any reasons.

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
Job No. :- /						
Name of Work :-Construction of Kathlighat to Katoh road km 0/0 to 2/0 under MNP (SH:- F/C to jeepable road CD work & Soling in km 0/0 to 2/0 (SW:- Providing and laying local earth for backfilling behind retaining walls km 0/200 to 0/250)						
1	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto all lead and lift including ramming and watering of the earth in layers not exceeding 20 cm in trenches, & behind the R/wall etc.)	1830.080 m3	Per Cubic Meter			
	Total:-					

**Total in Words**

T/S No. 164 for the 2022-23,  
Sr. No. 198 for the year 2022-23.

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

# **SCHEDULE OF QUANTITY**

SCHEDULE OF QUANTITY						
Sl.	Description of work	Qty.	Unit	RATE In		AMOUNT
				Figures	Words	
Job No. :- 2						
Name of work :- Construction of Warehouses for the storage of EVMs & VVPATs in Kather, Tehsil & Distt. Solan (SH:- Earth work in cutting for leveling upto courtyard form Rd. 0/020 to 0/030)						
1	Cutting in earth work in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock, with chiselling and wedging out of rock; (where blasting is prohibited) and their intermediate classification of soils including dewatering wherever required, setting out to required lines, levels as shown on the drawing and as directed by the Engineer-in-Charge at site, according to the H.P.PWD. specification of and sorting out useful & unuseful materials and transportation of the unuseful materials on approved dumping sites or otherwise (to be arranged by the contractor including payment of prescribed dumping charges of Municipal Committee / Local body if levied any) to the satisfaction of Engineer in Charge through all modes of transportation including head load, animal load or mechanical means along with its levelling, fine dressing and with all kind of labour, machineries, tools, equipments and safety measures and incidentals necessities to complete the work by mechanical means and labour (if any required). All useful materials, such as stones, shingles, aggregate and slates shall be probably stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation and used / removed as per the direction of Engineer in Charge. Any loss to the public and private property during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects, including all incidental charges.	839.130 m <sup>3</sup>	Per Cubic Meter			
Total :-						
Total in Words						
					Estimated Cost: -	Rs. 497604.00
					Earnest Money: -	10000.00
					Time: -	One month

T/S No.227 for the 2022-23  
Sr. No. 264 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: -	392886.00
					Earnest Money: -	7900.00
					Time Limit: -	One Month

Job No. 3

**Name of work :- Construction of Paughat Haripur road (Shaheed Roshan Lal Marg) Km. 0/0 to 9/0 under MNP (SW :- C/O PCC Breast wall at RD. 7/275 to 7/295 )**

1	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any loss to the public or private property during the course of execution shall be the sole responsibility of the contractor, which shall have to be duly compensated by him at his own cost of all cases.	59.200 m3	Per Cubic Meter.			
2	Providing and laying Plain Cement Concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded stone aggregate 25mm (twenty five millimeters) nominal size) Mechanically mixed and vibrated for plain/reinforced concrete and curing complete in open foundations and plinths for all type of structure including the cost of form work complete as per drawing and MORD Technical Specification clause 802, 803, 1202 and 1203 (Eight hundred two, eight hundred three, one thousand two hundred two and one thousand two hundred three) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.	85.600 m3	Per Cubic Meter			

# SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
3	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7 (six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals.	36,000 No.	Each.			
Total :-						

**Total in Words**

T/S No. 182 for the 2022-23  
Sr. No. 206 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	
				Estimated Cost :-		Rs.
				Earnest Money :-		3900.00
				Time :-		Three Months
	<b>Job No. :- 4</b>					
	<b>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 Kandaghat Section-I)</b>					
	<b>Hiring of JCB / loader cum-excavator .</b>	205,000 hr.	Per hour.			
	<b>Terms and Conditions :-</b>					
(a)	Hire charges should include expenses on account of establishment, P.H. 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 PW D 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 22. The machinery should be of latest Model.					
(g)	Quantity of excavated removed material should not be less than 28 cum per hour					
<b>Total in Words</b>		<b>Total :-</b>				

Sr. No. 225 for the year 2022-23.

  
 Executive Engineer  
 B&R Division, JIP PW D, Solan.



# **SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
					Estimated Cost: -	492500.00
					Earnest Money: -	9900.00
					Time Limit: -	One month

Job No. 5.

**Name of work: - Annual Repair & Maintenance of various road under Kandaghat Sub Division (SH :- Providing and fixing cat eyes, Supplying & stacking of road side delineator, Crash Barricade W Beam Reflector in different reaches)**

1	Providing and fixing plastic road studs / cat eyes of 3M Series 290 ART No. C-1210 with dimension 100*100*20mm (one hundred into one hundred into twenty millimeters) in yellow, white and red colour ( two way acrylic reflector fixed at site with suitable epoxy and nails as per specification and to the entire satisfaction of the Engineer in Charge, including all lead and lift and carriage of material through all modes of transport including all incidental charges.	250 Nos.	each			
2	Supplying and stacking F.O.R. at site dual directional delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, made of 18 (eighteen ) gauge M.S. rectangular pipe of size 25mm *63mm ( twenty five into sixty three millimeters) with enamelled and baked to 120-C / powder coated, head made of ABS plateers, rectangular moulded with flat face provided with high intensity reflectorised panels of colour (white/ Yellow/ Red) of size 100mm* 125mm at the top also covered with grating for safety of reflector with addition to 25mm wide reflector strips at rectangular pipe which support reflecting dazzling light to make drivers see clearly, including all lead and lift and carriage of material through all modes of transport including all incidental charges and as per direction of Engineer in Charge.	300 Nos.	each			
3	Supplying and stacking of crash barricade W Beam reflective trapezoidal type metal body with acrylic reflector fixed with yellow reflector at left and right side and red reflector at the front or top of metal body and each reflector placed at a distance of 1.00 mter fixed with steel W Beam Metal bolt complete, as directed by Engineer in Charge, including carriage of material with in all lead, lift and other incidental charges.	45,000 Nos.	each			

**Total in Words**

Sr. No. 94 for the year 22-23

  
**Executive Engineer**  
**B & A Division**  
**H.P.P. W.D. SOELAN**

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT
				Figures	Words	
					Estimated Cost: -	Rs. 264737.00
					Earnest Money: -	5300.00
					Time limit: -	One month
<b>Name of Work :- Annual Repair and maintenance of type-II quarter Set No. 22 at tank road Solan (SH:- Providing and laying flooring tiles, wood work, painting, distempering and sanitary fitting etc.)</b>						
1	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, curings, 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.	2.71 m <sup>2</sup>	Per square Meter			
2	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position in <b>Sal wood</b> 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.	0.380 m <sup>3</sup>	Per Cubic Meter			
3	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 paneling 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.	4.930 m <sup>2</sup>	Per square meter			

Job No. :- 6



**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
4	Providing and fixing 35 mm thick Second class teak wood glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws as per H.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.	3.300 m <sup>2</sup>	Per square metre			
5	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 H.P.PWD specification including carriage of all labour equipment and material to various location through all modes of transportation in all leads lifts and all incidental	6.530 m <sup>2</sup>	Per square metre			
6	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	21.300 m <sup>2</sup>	Per square metre			
7	Providing and fixing 25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano 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.	6.800 m <sup>2</sup>	Per square metre			
8	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 as per H.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.					

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
8.1	200*10 mm size (two hundred into ten millimeter)	10,000 No.	Each			
8.2	150*10 ( one hundred fifty into Ten millimeters)	12,000 No.	Each			
9	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					
9.1	125 mm (one hundred twenty five melimeter)	6,000 No	Each			
9.2	100 mm (one hundred melimeter)	12,00 No	Each			
10	Providing and laying vitrified 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.	10,820 m2	Per Square Meter			
11	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	33,180 m2	Per Square Meter			
12	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	147,020 m2	Per Square Meter			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
13	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.	147,020 m <sup>2</sup>	Per square meter.			
14	Distemping <b>One coat</b> 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.	147,020 m <sup>2</sup>	Per Square Meter			
15	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications 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 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.	72,210 m <sup>2</sup>	Per Square meter			
16	Repairs to plaster in patches of 2.50 sqm. (two point five zero square meter ) and under and 10 to 15mm (ten to fifteen millimeter) thick with cement mortar 1:4 (one cement is to four sand) including cutting the patches in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within all lead as per direction of Engineer-in-Charge and 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	28,600 m <sup>2</sup>	Per square meter.			



**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
17	Providing and fixing white vitreous china pedestal type water closet (European type) with W.C. pan with ISI marked white solid plastic seat and lid seat, 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 equipments and materials to various location through all modes of transportation in all leads and lifts, including all incidental charges.	<b>1.000</b> No.	Each.			
18	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.	<b>1.000</b> No.	Each			
19	Providing and fixing Stainless steel Kitchen sink with drain board <b>610 x510mm</b> 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.	<b>1.000</b> No	Each			
20	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.	<b>4.000</b> No	Each			
21	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	<b>4.000</b> No	Each			
22	Providing and fixing 15mm (fifteen millimeter nominal bore) to wall ceiling and floor galvanized mild steel tubes (Medium grade) including tube fittings and clamps, also including making good the wall ceiling and floor 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.	<b>12.10</b> m	Per running meter.			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
23	Providing and fixing 15 mm (fifteen millimeters) nominal bore uplasticised PVC connection pipe 30 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			
24	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			
25	Providing and fixing PTMT angle cock of approved quality 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	7,000 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.	12,000 m	Per Running Meter			
26.2	95 mm (ninety five millimeters) dia.	10,000 m	Per Running Meter			
27	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3mm(three millimeter) thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete:- 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.					
27.1	110mm(one hundred ten millimeter)	2,000 No.	Each.			
27.2	75 mm (seventy millimeters)dia.	2,000 No.	Each.			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
28	Providing and fixing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors 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 leads and lifts, including all incidental charges.					
28.1	110 mm X 90 mm (one hundred ten into ninety millimeters) dia	4.000 No	Each.			
28.2	110 mm X 75 mm (one hundred ten into seventy five millimeters) dia	3.000 No	Each.			
29	Providing and fixing 15mm nominal size brass G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 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.			
<b>Total :-</b>						
Total in Words						

T/S No. 200 for the 2022-23.  
Sr. No. 240 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	
Job No. :- 7						
Name of Work :- Annual repair and maintenance of Block No.14 Type-II quarter Set No. 3 Housing Board colony at Solan (SH:- Providing and laying flooring tiles, wood work, painting, distemping and Sanitary fittings etc.)						
1	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) of specified grade excluding the cost of centering and shuttering all work up to plinth level as per H.P.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	4.01 m <sup>3</sup>	Per Cubic Meter			
2	Providing and laying 20mm ( twenty milimeter ) thick granite stone in flooring 20mm (twenty milimeter ) (average) thickness base of cement mortar 1:3 ( one cement isto three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete as per HPPWD specification including carriage of all equipments and labour to various locations through all modes of transportation in all leads and lifts as per direction of engineer in charge.	3.150 m <sup>2</sup>	per square meter			
3	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position in <b>Sal wood</b> 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.	0.440 m <sup>3</sup>	Per Cubic Meter			
4	Providing and fixing 35mm (thirty five milimetres) thick flush door shutters decorative type core of block board construction with frames of first class hard wood and well matched first class indian teak plyveneering with vertical grains or cross bends and face veneering on both faces of shutter including black enamelled M.S. butt hinges as per H.P.PWD. specification including carriage of all labour equipment and material in all heights and level to various location of site through all modes of transportation in all leads and lifts , including all incidental charges.	14.920 m <sup>2</sup>	Per Square meter			



**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
5	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.	6.350 m2	Per square metre			
6	Providing and fixing anodized <b>aluminum Sliding Door Bolts 300*16</b> (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.	4.000 No.	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 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.					
7.1	150x10 mm size ( One hundred fifty into ten millimeter)	16.000 No.	Each			
7.2	200*10 mm size (two hundred into ten millimeter)	8.000 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.	8.000 No.	Each			
8.2	100mm (One hundred only ) millimeters size.	16.000 No.	Each			



**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
9	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 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.	612.600 m2	Per kilogramme			
10	Providing and laying vitrified 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 (Cement: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.	17.440 m2	Per Square Meter			
11	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.	48.240 m2	Per Square Meter			
12	Providing and fixing 2 (two)mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metallic 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 locations through all modes of transportation in all leads and lifts, including all incidental charges.	24.240 m2	Per square meter.			
13	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.	153.540 m2	Per Square Meter			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
14	Distempering <b>One coat</b> 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.	<b>153.540</b> m2	Per Square Meter			
15	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.	<b>153.540</b> m2	Per square meter.			
16	Applying priming coat with <b>ready mixed paint</b> brushing with primer pink over new wood and wood based surfaces after and including preparing the surfaces by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting as per HPPWD specification including carriage of material through all modes of transport including all incidentals in all leads and lifts and as per direction of Engineer in Charge.	<b>54.490</b> m2	Per Square Meter			
17	Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications 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 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.	<b>54.490</b> m2	Per Square meter			
18	Repairs to plaster in patches of 2.50 sqm. (two point five zero square meter ) and under and 10 to 15mm (ten to fifteen millimeter) thick with cement mortair 1:4 (one cement is to four sand) including cutting the patches in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within all lead as per direction of Engineer-in-Charge and 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	<b>83.500</b> m2	Per square meter.			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
19	Providing and fixing white vitreous china pedestal type water closet (European type) with W.C. pan with ISI marked white solid plastic seat and lid seat, 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 equipments and materials to various location through all modes of transportation in all leads and lifts, including all incidental charges.	1.000 No.	Each.			
20	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			
21	Providing and fixing Stainless steel Kitchen sink with drain board 610 x510mm 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			
22	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			
23	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	4.000 No	Each			
24	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.	15.500 M	Per Running Meter			
25	Providing and fixing 15 mm (fifteen millimeters) nominal bore unplasticised 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			



**SCHEDULE OF QUANTITY**

SL. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
26	Providing and fixing 15 mm nominal bore C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 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			
27	Providing and fixing 15 mm (fifteen millimeters) nominal bore C.P. brass stop cock (concealed) of standard design and of approved make 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.	2.000 No	Each			
28	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.	6.000 No	Each			
29	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 incidental charges.					
29.1	110 mm (one hundred ten millimeters)dia.	9.500 m	Per Running Meter			
29.2	95 mm (ninety five millimeters) dia.	6.500 m	Per Running Meter			
30	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3mm(three millimeter) thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete:- 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.					
30.1	110mm(one hundred ten millimeter)	3.000 No.	Each.			
30.2	75 mm (seventy five millimeters)dia.	2.000 No.	Each.			

Description of work		Qty.	Unit	RATE In		AMOUNT Rs.
Sl. No.				Figures	Words	
31	Providing and fixing 110 mm X 75 mm (one hundred ten into seventy five millimeters) PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors 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 leads and lifts, including all incidental charges.	6.000	No.	Each		
32	Providing and fixing PVC water storage tank 1000 (thousand) litres net capacity tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (fifteen millimeters) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level 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 in Words						Total :-

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

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In Figures Words	AMOUNT Rs.
Job No. :- 8					
Name of Work :-Annual repair and maintenance of Type-I quarter Set No. 3 ITI Colony at Solan (SH:- Providing and laying flooring tiles, wood work, painting, distemping and 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	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 :-	2.590 m2	Per square 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.	25.000 kg	Per Kilogra mme		
4	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, chajias, 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	0.220 m3	Per Cubic Meter		
				Time limit :-	One Month
				Estimated	329752.00
				Earnest	6600.00



**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 laying 20mm ( twenty millimeter ) thick granite stone in flooring 20mm (twenty millimeter ) (average) thickness base of cement mortar 1:3 ( one cement isto three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete as per HPPWD specification including carriage of all equipments and labour to various locations through all modes of transportation in all leads and lifts as per direction of engineer in charge.	3.180 m2	per square meter			
7	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position in <b>Sal wood</b> 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			
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 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.	7.870 m2	Per square meter			
9	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			

**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	200*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 30 mm thick flush door shutters conforming to IS : 2202 (Part I) decorative type, including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary screws 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	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 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 (1 cement: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 m <sup>2</sup>	Per Square Meter			
15	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	40.490 m <sup>2</sup>	Per Square Meter			
16	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 (1 Cement: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 m <sup>2</sup>	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 m <sup>2</sup>	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 m <sup>2</sup>	Per square meter.			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
19	Distemping <b>One coat</b> 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.	<b>111.010</b> m2	Per Square Meter			
20	Painting two or more coats on old work with <b>synthetic enamel paint</b> 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.	<b>66.220</b> m2	Per Square Meter			
21	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-	<b>50.000</b> m2	Per Square Meter			
22	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.	<b>1.000</b> No	Each			
23	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.	<b>1.000</b> No.	Each			
24	Providing and fixing Stainless steel Kitchen sink with drain board <b>610 x510mm</b> 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.	<b>1.000</b> No	Each			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
25	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 1990 (One thousand Nine hundred Ninety) Volume-1 (One), 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			
26	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			
27	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			
28	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			
29	Providing and fixing 15mm (fifteen millimeter nominal bore) to wall ceiling and floor galvanized mild steel tubes (Medium grade) including tube fittings and clamps, also including making good the wall ceiling and floor 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.	21.10 m	Per running meter.			
30	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.			



**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
31	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			
32	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			
33	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	1.000 No	Each			
34	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			
35	Providing and fixing 15 mm (fifteen millimeters) nominal bore uplasticsed 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			



**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
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.	6.00	No			
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-1, 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.			
40	Providing and fixing chromium plated brass bib tap with capstan head 15 (Fifteen) millimeters dia 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 leads and lifts, including all incidental charges.	2.000	No.			
	<b>Total :-</b>					

**Total in Words**

T/S No. 139 for the 2022-23  
Sr. No. 222 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	
	<b>Job No. :- 9</b>				Estimated	<b>Rs. 330330.00</b>
					Earnest	<b>6650.00</b>
					Time limit :-	<b>One Month</b>
<b>Name of Work :- Annual repair and maintenance of Type-I quarter Set No. 1 ITI Colony at Solan (SH:- Providing and laying flooring tiles, wood work, painting, distemping and Sanitary fittings etc.)</b>						
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.	<b>1.550 m3</b>	Per Cubic Meter			
2	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 :-	<b>5.180 m2</b>	Per square 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.	<b>50.000 kg</b>	Per Kilogramme			
4	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	<b>0.440 m3</b>	Per Cubic 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 m <sup>2</sup>	Per square meter.			
6	Providing and laying 20mm ( twenty millimeter ) thick granite stone in flooring 20mm (twenty millimeter ) (average) thickness base of cement mortar 1:3 ( one cement isto three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete as per HPPWD specification including carriage of all equipments and labour to various locations through all modes of transportation in all leads and lifts as per direction of engineer in charge.	3.180 m <sup>2</sup>	per square meter			
7	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 m <sup>3</sup>	Per Cubic Meter			
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 m <sup>2</sup>	Per square meter			
9	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 m <sup>2</sup>	Per square metre			



**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 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	200*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 30 mm thick flush door shutters conforming to IS : 2202 (Part 1) decorative type, including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary screws 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	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 laying virrified 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 (Icement: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			
15	Providing and laying Virrified 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	40.490 m2	Per Square Meter			
16	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 (I Cement: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.			
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.			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
19	Distemping <b>One coat</b> 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.	<b>111.010</b> m <sup>2</sup>	Per Square Meter			
20	Painting two or more coats on old work with <b>synthetic enamel paint</b> 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.	<b>66.220</b> m <sup>2</sup>	Per Square Meter			
21	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-	<b>40.500</b> m <sup>2</sup>	Per Square Meter			
22	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.	<b>1.000</b> No	Each			
23	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.	<b>1.000</b> No.	Each			
24	Providing and fixing Stainless steel Kitchen sink with drain board <b>610 x510mm</b> 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.	<b>1.000</b> No	Each			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
25	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 1990 (One thousand Nine hundred Ninety) Volume-1 (One), 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			
26	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			
27	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			
28	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			
29	Providing and fixing 15mm (fifteen millimeter nominal bore) to wall ceiling and floor galvanized mild steel tubes (Medium grade) including tube fittings and clamps, also including making good the wall ceiling and floor 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.	21.10 m	Per running meter.			
30	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.			



**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
31	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			
32	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			
33	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			
34	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			
35	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.	2.000 No	Each			
36	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			
37	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	
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.	4.000 No	Each			
39	Providing and fixing <b>500 litres net capacity tank</b> 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.			
40	Providing and fixing chromium plated brass bib tap with capstan head 15 (Fifteen) millimeters dia 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 leads and lifts, including all incidental charges.	2.000 No.	Each			
<b>Total in Words</b>		<b>Total :-</b>				

T/S No. 138 for the 2022-23  
Sr. No. 221 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	
				Estimated Cost: -		Rs. 478355.00
				Earnest Money: -		96000.00
				Time limit: -		One Month
Job No. :- 10						
<b>Name of work :- Repair and maintenance of Bar room at District Court Complex Solan (SH:- Demolish work, Brick work, Wood work, Steel work, Plastering &amp; Painting etc.)</b>						
1	Demolishing brick work in cement mortar manually/ by mechanical means including stacking of serviceable material 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.	6.480 m <sup>3</sup>	Per Cubic Meter			
2	Demolishing cement concrete, Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) manually/ by mechanical means including disposal of 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.	0.700 m <sup>3</sup>	Per Cubic Meter			
3	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 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 and all incidental charges.	6.320 m <sup>3</sup>	Per Cubic Meter			
4	Providing and laying in position 1:1.5:3 (1 cement : 1.5 coarse sand): 3 graded stone aggregate 20 mm nominal size/specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - all work up to plinth level as per pwd specification including carriage of all labour equipment and materials to various location of site through all modes of transportations in all leads lifts and all incidental charges.	16.650 m <sup>3</sup>	Per Cubic Meter			

# SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
5	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. 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 :-					
5.1	Suspended floors, roofs, landings, balconies and access platform.	7.200 m2	Per square meter.			
5.2	Edges of slabs and breaks in floors and walls Under 20 cm wide	9.000 m	Per Running metre			
6	Providing and laying 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement all work up to plinth level 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.	2.460 m3	Per Cubic Meter			
7	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.	115.630 kg	Per Kilogramme			

# SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT
				Figures	Words	
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in cement mortar 1:6 (One cement isto Six sand) 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.	13.200 m3	Per cubic 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.	0.660 m3	Per Cubic Meter			
10	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws 35 mm thick Kiln seasoned and chemically treated hollock wood 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	3.150 m2	per square Meter			
11	Providing and fixing 35 mm thick Second class teak wood glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws 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.	3.500 m2	per square Meter			
12	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 including carriage of all labour equipment and material to various location through all modes of transportation in all leads lifts and all incidental charges	3.500 m2	Per square metre			



# SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
13	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.					
13.1	250*10(Two hundred fifty into Ten) millimeters size	6.000 No	Each			
13.2	200*10 ( two Hundred Fifty into Ten) millimeters size	10.000 No	Each			
14	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.	3.000 No	Each			
15	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.					
15.1	125 mm (one hundred twenty five melimeter)	6.000 No	Each			
15.2	100 mm (one hundred melimeter)	8.000 No	Each			
16	12 mm cement plaster (in fine sand) of mix 1:4 (1 cement: 4 fine 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 including all incidental charges.	127.960 m2	Per square meter.			

**SCHEDULE OF QUANTITY**

Sl. No.	Description of work	Qty.	Unit	RATE IN		AMOUNT
				Figures	Words	
17	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior/exterior plastering upto all floor level including arisises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in <b>Cement Mortar 1:4 (1Cement:4 Sand)</b> 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.	64.340 m2	Per square meter.			
18	Providing <b>40x5mm</b> (forty into five millimeters) <b>flat iron hold fast 40cm.</b> (forty centimeters) Long including fixing to frame with 10mm (ten millimeters) diameter bolts & nuts and wooden plugs and embedding in cement concrete block <b>30x10x15cm. (thirty into ten into fifteen centimeters) 1:3:6</b> ( one cement into three sand into six graded stone aggregate 20mm (twenty millimeters) nominal size) 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.	6.000 No	Each			
19	Distempering 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.	590.580 m2	Per square metre			
20	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete 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.	590.580 m2	Per Square Meter			
21	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.	590.580 m2	Per square meter.			

# SCHEDULE OF QUANTITY

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
22	Painting two or more coats on old work with <b>synthetic enamel paint</b> 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.	140.300	m <sup>2</sup> Per Square Meter			
23	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.	68.420	m <sup>2</sup> Per Square Meter			
<b>Total :-</b>						

Total in Words

T/S No.219 for the 2022-23  
Sr. No. 257 for the year 2022-23.

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

**T SCHEDULE OF QUANTITY**

Sl.No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
Job No. :- 11						
Name of Work :-Restoration of rain damages on link road from Chaura to Anji km 0/0 to 5/525 (SH:- Removal of land slide slips at RD. 0/0 to 2/690).						
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in all lift and lead as per technical specification 302.3.5 (three zero two point three point five) and 1611 (one six one one) and MORD Specifications as per direction of Engineer in Charge .	3838.500	m <sup>3</sup> Per Cubic Meter			
Total:-						

**Total in Words**

T/S No. 231 for the 2022-23,  
Sr. No. 273 for the year 2022-23.

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



# T SCHEDULE OF QUANTITY

I SCHEDULE OF QUANTITIES						
Sl.No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
Job No. :- 12						
Name of Work :- Restoration of rain damages on   Seri Salana km 0/0 to 1/500 (SH):- Removal of land slide slips at RD 0/0 to 0/510)						
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in all lift and lead as per technical specification 302.3.5 (three zero two point three point five) and 1611 (one six one one) and MORD-Specifications. as per direction of Engineer in Charge .	3816.000 m3	Per Cubic Meter			
Total:-						
Estimated Cost: -						494172.00
Earnest Money: -						9900.00
Time limit : -						Fifteen days.

T/S No. 230 for the 2022-23,  
Sr. No. 272 for the year 2022-23.

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

# SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT
				Figures	Words	
Job No. 13						
Name of work :- Restoration of rain damages on Solan Rajgarh Bye Pass road km 0/0 to 5/410 (SH:- Removal of slips at various RD 0/570 to 0/590, and 0/650 to 0/700)						
1	Removal of slips in all kinds of soil (including saturated soil but excluding boulders and rocky portion requiring blasting <del>and disposal of 20 m³ of</del> 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.	3162.100	Per Cubic Meter			
Total :-						
Total in Words						

T/S No. 214 for the 2022-23.  
Sr. No. 246 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	
					Estimated Cost: -	Rs. 231300.00
					Earnest Money: -	4626.00
					Time: -	One Month

Job No. 14

Name of work :- Restoration of rain damages on Solan Rajgarh Bye Pass road km 0/0 to 5/410 (SH):- Removal of slips at various RD. 4/050 to 4/090 & 4/850 to 4/870)

1	Removal of slips in all kinds of soil (including saturated soil but excluding boulders and rocky portion requiring blasting <del>up to a distance of 20 metres</del> 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.	1786.100 m <sup>3</sup>	Per Cubic Meter			
Total :-						
Total in Words						

T/S No. 215 for the 2022-23.  
Sr. No. 247 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: -	453026.00
					Earnest Money: -	9100.00
					Time limit: -	Two Months
<b>Name of work :- Improvement of Black spot on Wagnaghat Subathu road Km. 0/0 to 18250 (SH:- ROFD at Km 1/575 to 1/740)</b>						
1	Cutting in earth work in hilly area in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting out to required lines, levels as shown on the drawing and directed by the Engineer -in-Charge at site, according to the HP.PWD. specification and sorting out useful and un-useful material and transportation of the un-useful material for disposing at approved dumping site or otherwise and including payment of prescribed charges of dumping to the owner of dumping site ( to be arranged by the contractor) as per satisfaction of Engineer- in -Charge through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures to complete the work (if required).Any loss to the public and private property during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	2643.090	m <sup>3</sup>	Per	Cubic metre	
<b>Total :-</b>						
<b>Total in Words</b>						

T/S No. 33 for the 2022-23.  
Sr. No. 56 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: -	453026.00
					Earnest Money: -	9100.00
					Time limit: -	Two Months
<b>Name of work :- Improvement of Black spot on Wagnaghat Subathu road Km. 0/0 to 18250 (SH:- ROFD at Km 1/575 to 1/740)</b>						
1	Cutting in earth work in hilly area in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting out to required lines, levels as shown on the drawing and directed by the Engineer -in-Charge at site, according to the HP.PWD. specification and sorting out useful and un-useful material and transportation of the un-useful material for disposing at approved dumping site or otherwise and including payment of prescribed charges of dumping to the owner of dumping site ( to be arranged by the contractor) as per satisfaction of Engineer- in -Charge through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures to complete the work (if required).Any loss to the public and private property during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	2643.090	m <sup>3</sup>	Per	Cubic metre	
<b>Total :-</b>						
<b>Total in Words</b>						

T/S No. 33 for the 2022-23.  
Sr. No. 56 for the year 2022-23.

Executive Engineer  
B&R Division, HP PWD Solan

# SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITIES						
Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
Job No. :- 17						
Name of work :- Improvement of Black spot on Wakanaghat Subathu road Km. 0/0 to 18/250 (SH:- ROFD at Km. 2/010 to 2/205)						
1	Cutting in earth work in hilly area in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting out to required lines, levels as shown on the drawing and directed by the Engineer -in-Charge at site, according to the HP.PWD, specification and sorting out useful and un- useful material and transportation of the un-useful material for disposing at approved dumping site or otherwise and including payment of prescribed charges of dumping to the owner of dumping site ( to be arranged by the contractor) as per satisfaction of Engineer- in -Charge through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures to complete the work (if required).Any loss to the public and private property during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	2626.610	m <sup>3</sup>	Per Cubic metre		
Total :-						

Total in Words

T/S No. 34 for the 2022-23.  
Sr. No. 57 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. :- 18						
Name of work :- Balance work of repair and maintenance of Bar room at District Court Complex Solan (SH:- Demolish work, Brick work, Wood work, Steel work, Plastering & Painting etc.)						
					Estimated Cost :-	332444.00
					Earnest Money :-	6700.00
					Time limit :-	One Month
1	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 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.	409.000 kg	Per kilo-gramme			
2	Providing and laying vitrified 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.	53.840 m2	Per Square Meter			
3	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.	74.760 m2	Per Square Meter			
4	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			



# **SCHEDULE OF QUANTITY**

Sl.No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
5	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern 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			
6	Providing and fixing one piece construction white vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I. / PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I. clamps and C.P. brass coupling complete, including painting of fittings and cutting and making good the walls and floors etc. wherever required range of two squatting plates with 5 litre P.V.C. automatic flushing cistern	1.000	No			
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.	2.000	No			
8	Providing and fixing White glazed fire clay draining board of size 600x450x 25 mm water closet squatting pan including painting of brackets, cutting and making good the walls 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 leads and lifts, including all incidental charges.	2.000	No			
9	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.	2.000	No			
10	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			

# SCHEDULE OF QUANTITY

Sl.No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
11	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.	8,000 No	Each			
12	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.	2,000 No	Each			
13	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.	2,000 No	Each			
14	Providing and fixing 15 mm dia nominal bore G.I. pipes complete with G.I. fittings and clamps, i.e 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.	54,000 M	Per Running Meter			
15	Providing and fixing 110mm (one hundred ten millimetres) size PVC (D Plast) 'P' or 'S' trap ISI marked for water closet (squatting pan) including joining the trap with the pan and pipe with approved adhesive 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 leads and lifts, including all incidental charges.	4,000 No	Each			
16	Providing and fixing 6750mm x 20 mm glass shelf with C.P. Brass bracket and guard rail complete, fixed to wooden plugs with C.P. Brass screws 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.	2,00 No	Each			
17	Providing and fixing PVC water storage tank 1000 (thousand) litres net capacity tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (fifteen millimeters) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level 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.	2,000 No	Each			

# SCHEDULE OF QUANTITY

Sl.No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
18	Providing and fixing 110 mm X 90 mm (one hundred ten into ninety millimeters) dia PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors 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 leads and lifts, including all incidental charges.	6,000 No	Each.			
19	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 incidental charges.					
19.1	110 mm (one hundred ten millimeters) dia.	31,000 m	Per Running Meter			
19.2	90 mm (ninety millimeters) dia.	20,000 m	Per Running Meter			
20	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3mm(three millimeter) thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete- 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.					
20.1	110mm(one hundred ten millimeter)	4,000 No	Each.			
20.2	90 mm (ninety millimeters) dia.	5,000 No	Each.			
21	Providing and fixing PVC single equal branch plain 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 leads and lifts, including all incidental charges.					

**SCHEDULE OF QUANTITY**

Sl.No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
21.1	110mm dia (one hundred ten millimeter)	3.00	No Each			
21.2	90mm dia (Ninety millimeter)	3.00	No Each			
22	Providing and fixing PVC Collars 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 leads and lifts, including all incidental charges.					
22.1	110mm dia (one hundred ten millimeter)	10.00	No Each			
22.2	90mm dia (Ninety millimeter)	8.00	No Each			
<b>Total :-</b>						
<b>Total in Words</b>						

T/S No.238 for the 2022-23  
Sr. No. 277 for the year 2022-23.

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



## Description of work

SCHEDULE OF QUANTITY				RATE IN		AMOUNT
Sl No.	Description of work	Qty.	Unit	Figures	Words	Rs.
						Estimated Cost:-
						Earnest Money:-
				Time:-		One Month
Job No. :- 17						
Name of work:- Restoration of rain damages on Solan Meeenus road km 0/0 to 2/0 (SH:- C/O PCC B/W all at RD 1/050 to 1/065)						
1	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any loss to the public or private property during the course of execution shall be the sole responsibility of the contractor, which shall have to be duly compensated by him at his own cost of all cases.	46,500 m <sup>3</sup>	Per Cubic Meter			
2	Providing and laying concrete for P.C.C. grade M-10 (ten) nominal mix 1:3:6 (one cement into three sand iso six graded crushed stone aggregate 20 (twenty ) millimetres nominal size ) mechanically mixed and vibrated in open foundations including form work and curing complete as per drawings and MORD technical specifications clause 802, 803, 1202 and 1203 (eight hundred two, eight hundred three, one thousand two hundred two and one thousand two hundred three) including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads lifts and all incidental charges	96,750 m <sup>3</sup>	Per Cubic Meter			

# **SCHEDULE OF QUANTITY**

Sl.No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figures	Words	
3	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all lead and lift and other incidentals.	42.000	No	Each		
<b>Total :-</b>						
<b>Total in Words</b>						

T/S No.235 for the 2021-22.  
Sr. No.279 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 Figures Words	AMOUNT Rs.
Job No. 20					
Name of work :- Annual Repair & Maintenance of Ballighati Ashwani Khad road km. 0/0 to 12/510 (SH:- Clearance of side drain between km 0/0 to 6/0)					
				Estimated Cost:	203550.00
				Earnest Money:	4100.00
				Time Limit :-	Fifteen days

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, including all leads, lifts and carriage of materials as per direction of Engineer-in-Charge.	5900.000 m	Per running meter.		
Total :-					
Total in Words					

T/S No.239 for the 2022-23  
Sr. No. 278 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	
Job No. :- 21						
Name of Work :- Restoration of rain damages on road from Kather Bye Pass to lower Kather Area in km 0/0 to 0/500 (SH:- Removal of land slide slips at RD 0/320 to 0/360)						
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in all lift and lead as per technical specification 302.3.5 (three zero two point three point five) and 1611 (one six one one) and MORD Specifications. as per direction of Engineer in Charge .	723.000	m <sup>3</sup> Per Cubic Meter			
Total:-						

T/S No. 236 for the 2022-23,  
Sr No. 280 for the year 2022-23.

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



