

Himachal Pradesh  
Public Works Department

**Registered**

No.PWJ/CB/TA/Tender Notice/2022-  
To

5907

Dated:-

6/4/2022


The Executive Engineer(IT Cell)  
Nigam Vihar Shimla.

Subject:-

Publication of tender Notice.

Enclosed please find herewith the tender notice of work given in the Notice Inviting tender for uploading on Department website as per Notification Pr. Secy.(PW) to the Govt. of Himachal Pradesh letter No. PBW(B)A(3)1/2020 dated 16/07/2021 as the works mentioned in the tender notice are urgent nature and in public interest.

DA/As above

  
Executive Engineer  
Jawali Divn. HP PWD,  
Jawali.

# HP.P.W.D.TENDER

Sealed items rate tender on PWD form Number 6 & 8 are hereby invited by the Executive Engineer, Jawali Division H.P.P.W.D. Jawali on behalf of the Governor of H.P. for the following work from the approved and eligible contractors C& D enlisted in H.P.P.W.D, so as to reach in this office in the waxed sealed cover on or before **13.04.2022** up to 11:00 (AM) and will be opened on the same day at 11:30 (A.M.) in the presence of the intending contractors or their authorized representative who may like to be present. The application for purchase of tender will be received up to 4.00 P.M on dated **11.04.2022** The tender form can be obtained from this office against cash payment non-refundable during the working hrs on **12.04.2022** to 4.00 PM and no tender form shall be issued by post. The amount of earnest money in shape of FDR of any nationalized Bank in HP pledged in the name of the Executive Engineer, Jawali Division H.P.P.W.D. Jawali.

The Conditional tender and tender received without earnest money will be rejected and if holidays declared by the Govt. on the above date due to any reason the tender shall be received and opened on the next working day .The offer of the tender shall be remain valid upto 75 days after the opening.. The undersigned reserved the right to reject tender without assigning any reasons.

S. No	Name of Work	Estimated Cost Rs.	Earnest Money Rs.	Time Limit	Cost of Form Rs.
1	Construction of Cow Sanctuary in near Village Khabbal Gram Panchayat Haar(SH:- Drilling of One No. Bore Well).	257650/-	5200/-	One month	350/-
2	Construction of Medical Oxygen Room with Puff Panel in Civil Hospital at Jawali(SH:- Providing steel work in Roof structure).	498205/-	9950/-	One month	350/-
3	Construction of Cow Sanctuary in near Village Khabbal Gram Panchayat Haar(SH:- Providing and fixing Water Supply and Sanitary Installation).	456759/-	9100/-	Two months	350/-
1.	The contractors/firms should possess the following documents(Photocopy to be attached)				
(i)	Copy of Registration/latest renewal of enlistment.				
(ii)	PAN Number(Permanent Account No).				
(iii)	GST Registration Number.				
2.	Conditional/Telegraphic tenders or tender by Fax/E-Mail shall not be entertained /considered in any case.				

CERTIFICATE:- It is Certified that tender mentioned in the notice is exigencies/emergency are urgent nature and in public interest.

Executive Engineer  
Jawali Divn. HP PWD,  
Jawali.

For on behalf of Governor of H.P.

No.PWJ/CB/TA/Tender/2021-22

Dated:-

1. Copy to the Chief Engineer(KZ)HPPWD Dharamshala for favour of information please.
2. Copy to the Superintending Engineer,9<sup>th</sup> Circle HP PWD Nurgpur for favour of information please.
3. All the Assistant Engineer, working under this Division for information.
4. The Account Branch/Drawing Branch in this office for information.
5. Notice Board.

Executive Engineer  
Jawali Divn. HP PWD,  
Jawali.

## SCHEDULE OF QUANTITY

**Name of work:-**Construction of Cow Sanctuary in near Village Khabbal Gram Panchayat Haar. (SH: - Drilling of One No. Bore Well)

Estimated Cost : Rs. 2,57,650/-

Earnest Money : Rs. 5200/-

Time Limit : One Month

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	7
1	Transportation of suitable truck mounted DTH and ODEX/ percussion/Calyx/ RD drilling rigs alongwith necessary accessories etcetera to the sitel of work and erection of rig including levelling etcetera complete in all respect, or as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts. The rate is includes, royalty charges, octroi, sale tax, malkana, GST and all other taxes as imposed by the Government.	1	Number			Each	
2	Drilling bore of 152mm (One hundred fifty two milimetres) dia as per IS:2800-1979 using ODEX(TUBEX) attachment required drilling in collapsible strata conglomerate, boulders, pabbles, gravels silt, clay etcetera including cost of attachment, consumable stores, bits, water POL etcetera complete with system of simultaneous lowering of 125mm (One hundred twenty five milimetres) nominal bore, 5.0mm (Five point zero milimetres) thick MSERW fincut casing pipe which will be welded together using 2.5mm (Two point five milimetres) or 3.25mm (Three point two five milimetres) dia. Advani oerlikon electordes, with one plain end and the other end chamfered to 50 (Fifty) degrees removing paint on the area to be welded, inclusive of the cost of Bio-degradable and non toxic foam flush etcetera complete in all respect, or as directed by the Engineer-in-Charge,MSERW fincut casing pipe, casing shoe and bit tube as per requirement of ODEX to be paid separterly, including carriage of materials within all leads and lifts. The rate is includes, royalty charges, octroi, sale tax, malkana, GST and all other taxes as imposed by the Government.	89.70	Running Metre			Per Running Metre	

3	Supplying and lowering IS marked 125mm (One hundred twenty five milimetres) N.B. 5.00 (Five point zero milimetres) thick fincut MSERW casing pipes as per IS4270:2001 and requirement of ODEX attachment from approved manufactures complete in all respects, or as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts. The rate includes, royalty charges, octroi, sale tax, malkana, GST and all other taxes as imposed by the Government.	90.00	Running Metre			Per Running Metre	
4	Providing and fixing suitable casing shoe and bit tube as per requirement of ODEX attachment, complete in all respects, or as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts. The rate includes, royalty charges, octroi, sale tax, malkana, GST and all other taxes as imposed by the Government.	1	Number			Each	
5	Collection and preservation of soil samples in polythene bags complete in all respects, or as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts. The rate includes, royalty charges, octroi, sale tax, malkana, GST and all other taxes as imposed by the Government.	1	Number			Each	
6	Development of borewell and yield testing with Air Compressor through V-notch and disinfection etcetera complete in all respects as per IS 2800-1979 or as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts. The rate includes, royalty charges, octroi, sale tax, malkana, GST and all other taxes as imposed by the Government.	1	Number			Each	
7	Providing and laying Hand pump with cement concrete 1:2:4 (One cement : two sand : four graded stone aggregate 20mm (Twenty milimetres) nominal size) in pedestal 75cmsx75cmsx40cms (Seventy five centimetres into seventy five centimetres into forty centimetre) including curing cost of earth work in foundation form work in all leads and lifts complete in all respects, or as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts. The rate includes, royalty charges, octroi, sale tax, malkana, GST and all other taxes as imposed by the Government.	1	Number			Each	
						<b>Total:</b>	

  
 Executive Engineer,  
 Jawali Division / H.P. P.W.D.  
 Jawali-176023

## SCHEDULE OF QUANTITY

2

**Name of work:**-Construction of Medical Oxygen Room with Puff Panel in Civil Hospital at Jawali (SH: - Providing steel work in Roof structure).

Estimated Cost : Rs. 4,98,205/-

Earnest Money : Rs. 9950/-

Time Limit : One Month

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	7
1	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4726.80	Kilogram			Per Kilogram	
						<b>Total:</b>	

  
 Executive Engineer,  
 Jawali Division, H.P. P.W.D.,  
 Jawali-176023

### SCHEDULE OF QUANTITY

**Name of work:-**Construction of Cow Sanctuary in near Village Khabbal Gram Panchayat Haar. (SH: - Providing and fixing Water Supply and Sanitary Installation).

Estimated Cost : Rs. 4,56,759/-

Earnest Money : Rs. 91,00/-

Time Limit : Two Months

S.No.	Description of items	Quantity		Rates (In Rupees)		Unit	Amount
				In Figures	In words		
1	2	3		4	5	6	7
1	Providing and fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material including malba, all complete as per the direction of Engineer-in charge. Orissa pattern W.C Pan of size 580x440 mm (Five hundred eighty into four hundred forty milimetres), or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre 9ten litre) low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
3	Providing and fixing white vitreous china water closet squatting pan (Indian type) : Long pattern W.C. pan of size 580 mm (Five hundred eighty milimetres), or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	

4	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm (One hundred milimetres) sand cast Iron P or S trap, 10 litre (Ten litres) low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required White Vitreous china Orissa pattern W.C. pan of size 580x440 mm (Five hundred eighty into four hundred forty milimetres) with integral type foot rests, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
5	Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm (Forty milimetres) C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required White glazed fire clay kitchen sink of size 600x450x 250 mm (Six hundred into four hundred fifty into two hundred fifty milimetres), or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
6	Providing and fixing 32mm (Thirty two milimetres) diameter rubber plug for sink or wash basin, including carriage of materials within all leads and lifts and other incidental charges. The rate includes, royalty charges, octroi, GST, sale tax, Toll tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	
7	Providing and fixing 32 mm (Thirty two milimetres) dia C.P. brass chain and rubber plug complete for sink or wash basin , or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	
8	Providing and fixing 32mm (Thirty two milimetres) dia . M.I Union for wash basin and sink, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	

9	Providing and fixing P.V.C waste pipe for wash basin or sink including brass check nut, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	
10	Providing and fixing 100 mm (One hundred milimetres) sand cast Iron grating for gully trap, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	12	Numbers			Each	
11	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers.white plastic seat and cover, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
12	Providing and fixing water closet squatting pan (Indiansuperior glass (of approved quality) complete with 6 mm (Six milimetres) thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
13	Providing and fixing water closet squatting pan (Indianbrackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	

14	Providing and fixing PTMT soap Dish Holder having length of 138mm, (One hundred thirty eight milimetres) breadth 102mm,(One hundred two milimetres) height of 75mm (Seventy five milimetres) with concealed fitting arrangements, weighing not less than 106 gms.(One hundred six grams), or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
15	Providing and fixing 15 mm (Fifteen milimetres) nominal bore brass bib cock of approved quality , or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	16	Numbers			Each	
16	Providing and fixing brass stop cock of approved quality, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	12	Numbers			Each	
17	Providing and fixing PTMT pillar cock of approved quality and colour 15 mm (Fifteen milimetres) nominal bore, 125 mm (One hundred twenty five milimetres) long foam flow, weighing not less than 120 gms (One hundred twenty grams), or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
18	Providing and fixing 15 mm (Fifteen milimetres) nominal bore and 45 cm (Forty five centimetres) length PVC connection pipe with P.T.M.T. Nuts, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	12	Numbers			Each	

19	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4000.00	Litres			Per Litre	
20	Providing and fixing 25 mm (Twenty five milimetres) dia Brass full way valve with C.I. wheel (screwed end) , or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	
21	Providing and fixing 15 mm (Fifteen milimetres) nominal bore ball valve (brass) of approved quality, High or low pressure, with plastic floats complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	
22 a)	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL- PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etcetera, with clamps at 1.00 metre (One Metre) spacing. This includes testing of joints complete as per direction of the Engineer-incharge 1620 (20 mm (Twenty milimetres) OD) pipe, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	50.00	Running Metre			Per Running Metre	

22 b)	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL- PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etcetera, with clamps at 1.00 metre (One Metre) spacing. This includes testing of joints complete as per direction of the Engineer-incharge 1216 (20 mm (Twenty milimetres) OD) pipe, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	115.00	Running Metre			Per Running Metre	
23	Providing and laying in trenches 20mm nominal bore galvanised mild steel tubes (medium grade) tube fittings (Earth work in trenches to be measured and paid for separately as per the direction of Engineer-in-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	160.00	Running Metre			Per Running Metre	
24 a)	Providing and fixing 75mm (Seventy five milimetres), high pressure PVC spigot and socket soil waste and ventilation pipe of ISI marked including fixing with approved adhesive complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	70.00	Running Metre			Per Running Metre	
24 b)	Providing and fixing 100mm (One hundred milimetres), high pressure PVC spigot and socket soil waste and ventilation pipe of ISI marked including fixing with approved adhesive complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	20.00	Running Metre			Per Running Metre	

25 a)	Providing and fixing 100 mm (One hundred milimetres) diameter M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm (Ten into ten into ten centimetres) of 1:2:4 mix (One cement : two coarse sand : four graded stone aggregate 20 mm (Twenty milimetres) nominal size) and cost of cutting holes and making good the walls etcetera, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	12	Numbers			Each	
25 b)	Providing and fixing 150mm (One hundred fifty milimetres) diameter M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm (Ten into ten into ten centimetres) of 1:2:4 mix (One cement : two coarse sand : four graded stone aggregate 20 mm (Twenty milimetres) nominal size) and cost of cutting holes and making good the walls etcetera, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	12	Numbers			Each	
26 a)	Providing and fixing 75MM (Seventy five milimetres) PVC plain bend of ISI marked including fixing with approved adhesive etc. complete. PVC plain bend, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	
26 b)	Providing and fixing 100mm (One hundred milimetres) PVC plain bend of ISI marked including fixing with approved adhesive etc. complete. PVC plain bend, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	

27 a)	Providing and fixing 75MM (Seventy five milimetres) nominal size PVC tees of ISI marked including fixing with approved adhesive etc complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	
28 b)	Providing and fixing 100mm (One hundred milimetres) nominal size PVC tees of ISI marked including fixing with approved adhesive etc complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	8	Numbers			Each	
29 a)	Providing and fixing 75MM (Seventy five milimetres) nominal size PVC sockets of ISI marked including fixing with approved adhesive etcetera complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	10	Numbers			Each	
29 b)	Providing and fixing 100mm (One hundred milimetres) nominal size PVC sockets of ISI marked including fixing with approved adhesive etcetera complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	10	Numbers			Each	
30	Providing and fixing 100MM (One hundred milimetres) nominal size PVC heel rest bend of ISI marked including fixing with approved adhesive etc complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	12	Numbers			Each	

31 a)	Providing and fixing 75 mm (Seventy five milimetres) nominal size collar Sand cast iron S&S as per IS - 3989, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	6	Numbers			Each	
31 b)	Providing and fixing 100MM (One hundred milimetres) nominal size collar Sand cast iron S&S as per IS - 3989, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	6	Numbers			Each	
32 a)	Providing and fixing 75 mm (Seventy five milimetres) nominal size PVC cowl of ISI marked including fixing with approved adhesive etcetera complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
32 b)	Providing and fixing 100MM (One hundred milimetres) nominal size PVC cowl of ISI marked including fixing with approved adhesive etcetera complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
33	Providing and fixing cast iron floor trap of self cleaning design of isi marked including fixing with approved adhesive cost of cutting and making good the wall and floor etcetera complete nominal diameter, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	12	Numbers			Each	

34	Constructing brick masonry manhole in cement mortar 1:4 ( One cement : four coarse sand ) with R.C.C. top slab with 1:1.5:3 mix (One cement : one and half coarse sand (zone- III) : three graded stone aggregate 20 mm (Twenty milimetres) nominal size), foundation concrete 1:4:8 mix (one cement : four coarse sand (zone- III) : eight graded stone aggregate 40 mm (Forty milimetres) nominal size), inside plastering 12 mm (Twelve milimetres) thick with cement mortar 1:3 (One cement : Three coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (One cement : Two coarse sand : four graded stone aggregate 20 mm (Twenty milimetres) nominal size) finished with a floating coat of neat cement complete as per standard design :With common burnt clay F.P.S. (non modular) bricks of class designation 7.5, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	6	Numbers			Each	
35	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (One cement : four coarse sand) C.I. cover with frame (light duty) 455x610 mm (Four hundred fifty five into six hundred ten milimetres) internal dimensions, total weight of cover with frame to be not less than 38 kg (Thirty eight kilogram) (weight of cover 23 kg (Twenty three kilogram) and weight of frame 15 kg), (Fifteen kilogram) R.C.C. top slab with 1:1.5:3 mix (One cement : one and half Fine sand : Three graded stone aggregate 20 mm (Twenty milimetres) nominal size), foundation concrete 1:5:10 (One cement : five fine sand : ten graded stone aggregate 40 mm (Forty milimetres) nominal size), inside plastering 12 mm (Twelve milimetres) thick with cement mortar 1:3 (One cement : three coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design Inside dimensions 455x610 mm (Four hundred fifty five into six hundred ten milimetres) and 45 cm (Forty five centimetres) deep for single pipe line : 19.30.1.1 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5, including carriage of materials within all leads and lifts and other incidentals charges. The rate is includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	

36 a)	Providing and laying 230mm (Two hundred thirty milimetres) dia cement concrete 1:4:8 (One cement: Four sand : eight graded stone aggregate 40 mm (Forty milimetres) nominal size) bedding for pvc stone ware pipe of internal diametres necessary form work and curing complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	58.80	Running Metre			Per Running Metre	
36 b)	Providing and laying 100mm (One hundred milimetres) dia cement concrete 1:4:8 (One cement: Four sand : eight graded stone aggregate 40 mm (Forty milimetres) nominal size) bedding for pvc stone ware pipe of internal diametres necessary form work and curing complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	55.00	Running Metre			Per Running Metre	
36 c)	Providing and laying 150mm (One hundred fifty milimetres) dia cement concrete 1:4:8 (One cement: Four sand : eight graded stone aggregate 40 mm (Forty milimetres) nominal size) bedding for pvc stone ware pipe of internal diametres necessary form work and curing complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	50.00	Running Metre			Per Running Metre	
37	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm (Thirty two milimetres) C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm (Six hundred thirty into four hundred fifty milimetres) with a pair of 15 mm (Fifteen milimetres) C.P. brass pillar taps, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
38	Providing and fixing Stainless Steel AISI-304(18/8) Wash basin 530x345 mm (Five hundred thirty into three hundred forty five milimetres) with single 15 mm (Fifteen milimetres) C.P. brass pillar tap, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	

39	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
40	Providing and fixing 600x120x5 mm (Six hundred into one hundred twenty into five milimetres) glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etcetera complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	6	Numbers			Each	
41	Providing and fixing 150 mm (One hundred fifty milimetres) diameter C.P. brass shower rose with 15 or 20 mm (Fifteen or twenty milimetres) inlet, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
42	Providing and fixing vitreous china tooth brush and tumbler holder, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
43	Providing and laying 100mm (One hundred milimetres) dia PVC (D-Plast) pipe for the disposal of waste water pressure of pipe not less than 4.50kg/sqm (four point five zero kilogram oblique per square metre) including filling the joints with approved adhesive complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	55.00	Running Metres			Per Running Metre	

44/	Providing and laying 150 mm (One hundred fifty milimetres) dia PVC (D-Plast) pipe for the disposal of waste sewerage working pressure of pipe not less than 4.50kg /sqm (four point five zero kilogram oblique per square metre) including filling the joints with approved adhesive complete, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	45.00	Running Metres			Per Running Metre	
45	Excavation in drain and channels etcetera in earth work in all kinds of soil such as pick work, jumper work, , pick jumper work, blasting, work, hard and soft blasting saturated soil including chiseling or any other mixed variety of soil, lift up to any heights, stacking the excavated soil for the heights from the edge of excavation and then returning the stacked soil in 15cm(Fifteen centimeters)thick layer when required into plinths sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	87.23	Cubic Metres			Per Cubic Metre	
46 a)	Providing and fixing 100 mm dia (One hundred milimetres) S.C.I. plain bend, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	6	Numbers			Each	
46 b)	Providing and fixing 150 mm dia (One hundred fifty milimetres) S.C.I. plain bend, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	6	Numbers			Each	
47 a)	Providing and fixing 100mm (One hundred milimetres) diameter P.V.C Socket, or as per the direction of Engineer-In-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	

47	Providing and fixing 150mm (One hundred fifty milimetres) diameter P.V.C Socket, or as per the direction of Engineer-in-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	4	Numbers			Each	
48	Providing and laying ( to level or slopes ) and jointing with stiff mixture of cement mortar in proportion of 1:1 ( One cement : One sand) half rounded salt glazed stone ware pipe grade A of 230mm or 23cm (Two hundred thirty milimetres or twenty three centimetres) internal diameters including testing of pipes and joints complete, or as per the direction of Engineer-in-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	58.80	Running Metres			Per Running Metre	
49	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm (Three hundred into three hundred milimetres) size (inside) the weight of cover to be not less than 4.50 kg (Four point five zero kilogram) and frame to be not less than 2.70 kg (two point seven zero kilogram) as per standard design With Sewer bricks conforming to IS : 4885, or as per the direction of Engineer-in-charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.	6	Numbers			Each	
50	Providing and fixing grab bars with chromium plated steel pipe 40mm (Forty milimetres) dia at 78cm (Seventy eight centimetres) height with M.S. plate 4mm (Four milimetres) thick as per detail and position of seat and wash basin with nuts bolts and clamp etcetera including cutting holes and making good the walls complete in all respects as per the direction of the engineer- in-charge, including carriage of materials within all leads and lifts. The rate is includes, royalty charges, octroi, sale tax, malkana, GST and all other taxes as imposed by the Government.	10.35	Running Metres			Per Running Metre	
						<b>Total:</b>	

  
 Executive Engineer,  
 Jawali, H.P. P.W.D.,  
 Jawali-176023