

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.: PW/EDP/CB/TA/CONT/2024-25/-

4698- 4707

Dated: 26-11-2024

To

The Executive Engineer (IT Cell),
Nigam Vihar, Shimla-2.

Subject: Publishing of Short Term Tender Notice.

Jai Hind

Enclosed please find herewith the Tender Notice of works as given in the Notice Inviting Tenders along with Schedule of Quantities for uploading on departmental website as per Notification Pr. SEC(PW) to the Govt. of HP letter No. PBW(B)A9(3)1/2020 dated Shimla-26th July 2021.

It is certified that the works mentioned in the Notice Inviting Tenders are urgent in nature and in public Interest.

DA/NIT,SQs

Executive Engineer
Electrical Division
HP PWD Palampur

Copy forwarded to the following for information and necessary action please:

1. The Superintending Engineer, 2nd Electrical Circle, HP PWD Dharamshala.
2. The Drawing Branch in this office.
3. All the Assistant Engineers working under this Division.

Executive Engineer
Electrical Division
HP PWD Palampur

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

"Short Term Notice Inviting Tenders"

Sealed item rate tenders on form 6 & 8 are hereby invited by the Executive Engineer, Electrical Division, HP PWD Palampur on behalf of the Governor of H.P. for the following work from the approved and eligible contractors enlisted in HP PWD, (Elect.) whose registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act. 1968 so as to reach in his office on or before **05-12-2024** up to 11.00 AM, and the same shall be opened on the same day at 11.30 A.M. in the presence of intending contractors or their authorized representatives. The tender documents can be had from his office against cash payment (Non-refundable) on **04-12-2024** up to 4.00 P.M. and the application for issue of tender form shall be received on **03-12-2024** up to 12.00 noon.

Conditions:

1. The contractor should have the EPF registration certificate should be attached with application.
2. The GST registration certificate.
3. The contractor should produce a copy of latest enlistment/renewal.
4. The latest ITR filed should be attached with application.
5. The bidders enlisted in a particular class shall be eligible to tender for his own class or one step below.
6. The bidder should attach authorization and work done certificate with application for Specialized Jobs.
7. The FDR duly pledged should be attached separately with each tender.
8. Only two number tender forms will be issued to the eligible contractor.
9. The Executive Engineer, Electrical Division, HP PWD Palampur reserves the right to reject any tender without assigning any reasons.
10. Conditional/ incomplete tenders & tender without earnest money will be summarily rejected.

Sr. No	Name of Work	Estimated Cost	Earnest Money	Time Limit	Form No.	Cost of Form
1	Annual Repair and comprehensive Maintenance contract of 06 Nos. 2 KVA UPS installed in Vidhan Sabha Building Complex at Tapovan (Dharamshala) in Distt Kangra (H.P.) for the year 2024-25.	58140/-	1200/-	One Year	8	350/-
2	R/M of E.I of VIDHAN SABHA Complex at Tapovan Dharamshala Distt Kangra (H.P) (SH Repair of E.I in Main Building and Minister block therein)for the year 2024-2025.	345758/-	7000/-	Six Month	8	350/-
3	Repair maintenance and servicing of Digital Control Conference System of DIS in H.P Vidhan Sabha at Tapovan (Dharamshala) In District Kangra (H P) for the year 2024-25	164700/-	3300/-	Three Months	8	350/-
4	Repair, Maintenance, Testing and Servicing of Fire Fighting System and Refilling of Fire Extinguisher during Vidhansabha session in H.P Vidhan Sabha at Tapovan (Dharamshala) In District Kangra (H P) for the year 2024-25	229471/-	4600/-	Three Months	8	350/-
5	Providing LAN wiring in the Room's of HP Cabinet Minister's, Opposition leader room in Vidhansabha building complex at Tapovan Dharamshala in Distt. Kangra (H.P.) for the year 2024-2025	312440/-	6300/-	Three Months	8	350/-
6	Repair and Maintenance of 2 KVA UPS/Inverter installed in Vidhan Sabha Building Complex at Tapovan (Dharamshala) in Distt Kangra (H.P.) for the year 2024-25.	122050/-	2500/-	Three Months	8	350/-

7	R/M of E.I of Circuit House Dharamshala Distt Kangra (H P) (SH : Repair of E.I during Vidhansabha session 2024-25)	85170	1800/-	Three Months	8	350/-
8	R/M of E.I of Rest House Dharamshala Distt Kangra (H P) (SH : Repair of E.I during Vidhansabha session 2024-25)	64421/-	1300/-	Three Months	8	350/-
9	Providing & Fixing Power wiring , geyser , Exhaust fan etc in Additional Block in Civil Hospital at Palampur Tehsil Palampur in Distt Kangra HP	96265/-	2000/-	One Month	8	350/-

HIM SUCHNA AVAM JAN SAMPARK VIBH

SCHEDULE OF QUANTITY

NAME OF WORK :- Annual Repair and comprehensive Maintenance contract of 06 Nos. 2 KVA UPS installed in Vidhan Sabha Building Complex at Tapovan (Dharamshala) in Distt Kangra (H.P.) for the year 2024-25.


Job No ①

ESTIMATED COST: Rs. 58,140/-only.
EARNEST MONEY: Rs.1200/-only
TIME ALLOWED: One Year //

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Comprehensive Annual Maintenance contract of 2 Kva UPS including preventive/ breakdown maintenance (as detailed below) and replacement of defective parts discovered during maintenance shall have to be reported and replaced by new and new parts/ spairs replaced will be either of the same make or equivalent make and replacement of defective wire wound components & other petty material except batteries and the UPS are to be maintained round the clock though out the year as per best satisfactory by Engineer-in-charge at Site. Make: Numeric	6	9690.00	Rupees Nine Thousand Six Hundred Ninety Only	Each	58140
	Total					58140
Terms and conditions:-						
i	This contract shall cover the Annual comprehensive maintenance of 6 No's of 2 KVA UPS for the period of one year.					
ii	This contract cover the scope of preventive maintenance and breakdown maintenance of the abovementioned items through the contract period..					
iii	The Preventive maintenance includes functional checking necessary adjustments including minor repairs etc. which required to be carried out in advance.					
iv	The breakdown maintenance is to be carried out in the event of malfunction, which prevent the operation of the equipment, work to be carried out during the service coverage time as per the AMC Contract.					
v	At the time of Breakdown, this contract includes the fault finding, repair or replacement of defective parts and functional checking as & when required by Engg -in- charge. .					

vi	The contractor shall provide necessary tools and instruments to their service engineer for the purpose of Servicing the equipment covered by the contract. Vacuum Cleaner/ Blower required for the cleaning of the UPS Cubicle alongwith the necessary unskilled manpower shall be provided by the contractor.
vii	The service Engineer has to be engaged during every session of Vidhan sabha.
viii	The contractor shall have to maintain necessary log books.

Schedule of quantities checked and approved for ₹. 58140 only


 Executive Engineer
 Electrical Division
 HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- R/M of E.I of VIDHAN SABHA Complex at Tapovan Dharamshala Distt Kangra (H.P) (SH : Repair of E.I in Main Building and Minister block therein). 2024-25

Job No 2

ESTIMATED COST: Rs 3,45,758/-only.
EARNEST MONEY: Rs.7000/-only
TIME ALLOWED: Six Months ✓

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. Make: KEI/Polycab/Anchor/GrandLay					
1.01	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	30 ✓	395	Rupees Three Hundred Ninety Five Only	Per metre	11850 ✓
2.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make: KEI/Polycab/Anchor/GrandLay					
2.01	3 X 1.5 sq. mm	25 ✓	100	Rupees One Hundred Only	Per metre	2500 ✓
2.02	3 X 4 sq. mm	15 ✓	220	Rupees Two Hundred Twenty Only	Per metre	3300 ✓
3.00	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. Make :- L&T/Legrand/Schneider					
3.01	S.P. 5/ 6 Amps one way switch, piano type.	10 ✓	42	Rupees Forty Two Only	Each	420 ✓
3.02	Bell push, piano type.	2 ✓	71	Rupees Seventy One Only	Each	142 ✓
3.03	S.P. 15/16 Amps one way switch, porcelain base/ piano type.	6 ✓	116	Rupees One Hundred Sixteen Only	Each	696

3.04	5 pin 5/ 6 Amps socket outlet, porcelain base/ piano type.	5 ✓	57	Rupees Fifty Seven Only	Each	285 ✓
3.05	6 pin 15/16 Amps socket outlet, porcelain base/ piano type.	6 ✓	123	Rupees One Hundred Twenty Three Only	Each	738 ✓
4.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Make :- L&T/Legrand/Schneider					
4.01	Bell push, Modular.	2 ✓	156	Rupees One Hundred Fifty Six Only	Each	312 ✓
5.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make: L&T (Entice)/Schneider (Livia)/ Legrand (Myrius).	6 ✓	469	Rupees Four Hundred Sixty Nine Only	Each	2814 ✓
6.00	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make: Schneider (Livia)/ Legrand (Myrius)/L&T(Entice).	6 ✓	621	Rupees Six Hundred Twenty One Only	Each	3726
7.00	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete as required. Make :- Anchor/GoldMeda/SSK	12 ✓	350	Rupees Three Hundred Fifty Only	Each	4200 ✓
8.00	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make :- Anchor/GoldMeda/SSK	3 ✓	206	Rupees Two Hundred Six Only	Each	618 ✓
9.00	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
9.01	Single pole 6 Amp (Make:- Schneider/ Legrand/L&T)	15 ✓	239	Rupees Two Hundred Thirty Nine Only	Each	3585

9.02	Single pole 16/32 Amp (Make:- Schneider/ Legrand/L&T)	30 ✓	239	Rupees Two Hundred Thirty Nine Only	Each	7170 ✓
10.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
10.01	40 Amps. (Make:- Schneider/ Legrand/L&T)	2	426	Rupees Four Hundred Twenty Six Only	Each	852 ✓
10.02	63 Amps. (Make:- Schneider/ Legrand/L&T)	2 ✓	530	Rupees Five Hundred Thirty Only	Each	1060 ✓
11.00	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required:-					
11.01	10 Liter capacity water heater (Cat-A) Makes: Usha/Bajaj/Racold	1 ✓	10507	Rupees Ten Thousand 7 Five Hundred Seven Only	Each	10507 ✓
11.02	15 Liter capacity water heater (Cat-A) Makes: Usha/Bajaj/Racold	1 ✓	11273	Rupees Eleven Thousand Two Hundred Seventy Three Only	Each	11273 ✓
11.03	25 Liter capacity water heater (Cat-A) Makes: Usha/Bajaj/Racold	1 ✓	12806	Rupees Twelve Thousand Eight Hundred Six Only	Each	12806 ✓

12.00	Providing and fixing LED tube fixture (including the cost of Batten/channel and LED Lamp) suitable for surface application with the use of the latest technology 18 watt (1800 Lumen) 6000K and it should be compatible with specification i.e. Power Factor ≥ 0.9 , Harmonic Distortion $\leq 10\%$ and efficacy ≥ 100 Lumens per watt, CRI rating > 80 suitable for input voltage: AC 220-240 V, 50 Hz, complete with all accessories, connections, testing and commissioning etc. as required. With 5 Year Warranty. Makes: Havells/ Bajaj/ Philips /Wipro.	10 ✓	867	Rupees Eight Hundred Sixty Seven Only	Each	8670 ✓
13.00	Providing and fixing LED Mirror Light 10 W+/- 1W with Surface Mounted 2 Feet with Polycarbonate diffuser complete with all accessories, including connections, testing and commissioning etc as required complete in all respects. With 5 Year Warranty. Panasonic/Wipro/Bajaj.	3 ✓	327	Rupees Three Hundred Twenty Seven Only	Each	981 ✓
14.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required:-					
14.01	Double door 4 way (Make:- Schneider/ Legrand/L&T)	6 ✓	1425	Rupees One Thousand Four Hundred Twenty Five Only	Each	8550 ✓
15.00	Supplying and fixing LED lamps of following watt with polycarbonate diffuser on the existing light point as required complete in all respect.					
15.01	LED Lamp 12 watt	20 ✓	199	Rupees One Hundred Ninety Nine Only	Each	3980 ✓
16.00	Supplying and drawing copper conductor, multicore cable in the existing surface/ recessed steel/ PVC conduit as required complete in all respects.					

16 01	Three core 1.5 sqmm	50 ✓	113	Rupees One Hundred Thirteen Only	Each	5650 ✓
16 02	Two core 1.0 sqmm	50 ✓	61	Rupees Sixty One Only	Each	3050 ✓
17 00	Supplying and fixing following type Plug Top on the existing Light Point, Heat Pillar, Room Heater including connections etc. as required complete in all respects					
17 01	6 amps 3 Pin Plug Top	10 ✓	73	Rupees Seventy Three Only	Each	730 ✓
17 02	16 amps 3 Pin Plug Top	10 ✓	95	Rupees Ninety Five Only	Each	950 ✓
18 00	Supplying and fixing wireless door bell as required complete in all respects:-					
19 00	Providing skilled Electrician-II and unskilled Team-mate for electrical maintenance during H.P. Vidhan Sabha session during 2024-25.	1 ✓	20808	Rupees Twenty Thousand Eight Hundred Eight Only	Per Job	20808
20 00	Providing and Fixing of Following type Rods for Heat Pillar and Room Heater as required complete in all respects.					
20 01	Heat Pillar Rod 750 watt	10	500	Rupees Five Hundred Only	Each	5000 ✓
21 00	Providing and laying of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade direct in ground, to be laid 1 meter below the ground level including excavation and refilling the trench etc.as required, but excluding sand cushioning and protective covering:- (Make:- KEI/ Plaza/Havells)					
21 01	Armoured cable 6 sq. mm (twin core) Makes: KEI/Polycab/Anchor/Grandlay	80 ✓	297	Rupees Two Hundred Ninety Seven Only	Per Metre	23760
21 02	Armoured cable 10 sq. mm (twin core) Makes: KEI/Polycab/Anchor/Grandlay	50 ✓	344	Rupees Three Hundred Forty Four Only	Per Metre	17280

22.00	Providing and fixing 40 Amp rating, Double pole, 230 volts, Modular change over switch unit, in existing steel enclosure, including drilling holes on the board, making connections, etc as required. Makes:- Legrand/L&T/Schneider.	6 ✓	2045	Rupees Two Thousand Forty Five Only	Each	12270 ✓
23.00	Providing and fixing LED drivers of following watt complete with all accessories, including connections, testing and commissioning etc as required complete in all respects. Makes:- Panasonic/Wipro/Bajaj.					
23.01	LED Driver 36 Watt	5 ✓	822	Rupees Eight Hundred Twenty Two Only	Each	4110 ✓
23.02	LED Driver 60 Watt	5 ✓	1233	Rupees One Thousand Two Hundred Thirty Three Only	Each	6165 ✓
24.00	Supplying and installing following size of perforated painted MS cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with MS suspended with suspenders including bolts & nuts, etc. as required.					
24.01	150 mm width X 50 mm depth X 1.6 mm thickness	10 ✓	604	Rupees Six Hundred Four Only	Per metre	6040 ✓
25.00	Supplying and fixing of following way triple pole and neutral, sheet steel MCB distribution board, 415 volts, on surface / recess, with provision to mount 4 pole MCCB incomer, 2 module sub-incomer and SP MCBs as outgoing, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required. Make :- L&T/LeGrand/Schneider					
25.01	Double door 2+12 way (MCCB+6+36) module.	4 ✓	13628	Rupees Thirteen Thousand Six Hundred Twenty Eight Only	Each	54512 ✓

26.00	Providing and fixing following rating and breaking capacity MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections etc as required. Make :- L&T/Legrand/Schneider					
26.01	MCCB 32-100 Amp	5 ✓	5436	Rupees Five Thousand Four Hundred Thirty Six Only	Each	27180 ✓
27.00	Providing and Fixing of LED fixture 600mmX600mm of following Watt +/- 1W Surface/Recess mounted fixture with HET Plastic diffuser with minimum system lumen efficacy of 100 lm/W with CRCA housing having P.F.>0.95 with THD<10% .CRI 80. The LED with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 5700 K with CRI of minimum 80. The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc as required complete in all respects. With 5 Year Warranty.					
27.01	LED Panel 2'x2' 36 watt Makes: Wipro/ Panasonic/ Philips	2 ✓	4209	Rupees Four Thousand Two Hundred Nine Only	Each	8418 ✓
27.02	LED Panel 2'x2' 60 watt Makes: Wipro/ Panasonic/ Philips	2 ✓	11075	Rupees Eleven Thousand Seventy Five Only	Each	22150 ✓
28.00	Supplying and fixing two rotary socket size stepped type electronic fan regulator on the existing switch box including connections etc as required	10 ✓	258	Rupees Two Hundred Fifty Eight Only	Each	2580 ✓
29.00	Providing and fixing HRC fuse of following rating including connections, testing and commissioning etc as required complete in all respects. Make:- C&S/HPL/Indo/ Asian					
29.01	HRC Fuse 32 Amp	8 ✓	270	Rupees Two Hundred Seventy Only	Each	2160 ✓

29.02	HRC Fuse 63 Amp	8	300	Rupees Three Hundred Only	Each	2400
29.03	HRC Fuse 100 Amp	5	540	Rupees Five Hundred Forty Only	Each	2700
29.04	HRC Fuse 125 Amp	3	540	Rupees Five Hundred Forty Only	Each	1620
29.05	HRC Fuse 200 Amp	3	790	Rupees Seven Hundred Ninety Only	Each	2370
29.06	HRC Fuse 400 Amp	3	1800	Rupees One Thousand Eight Hundred Only	Each	5400
29.07	HRC Fuse 600/630 Amp	3	2500	Rupees Two Thousand Five Hundred Only	Each	7500
	Total					345758

Schedule of Quantity checked and approved for ₹ 345758 only

Executive Engineer
Electrical Division
HPWD, Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Repair maintenance and servicing of Digital Control Conference System of DIS in H.P Vidhan Sabha at Tapovan (Dharamshala) in District Kangra (H P) for the year 2024-25						
SR. NO.	DESCRIPTION	QTY.	Job No 3		ESTIMATED COST: Rs 1,64,700/-only. EARNEST MONEY: Rs.3300/-only TIME ALLOWED: Three Months	
			FIGURES	RATES WORDS	UNIT	AMOUNT
1.00	Repair, maintenance, servicing and Operation of Digital Control Conference System of DIS in Vidhan Sabha at Tapovan Dharamshala for a time period of Three Months and the description below.					
1.02	This includes replacement/repair of any defect arising out of manufacturing defect. This would exclude replacements necessitated due to damage or breakage arising out of falls, accidents, transportations or failure due to misuse or causes other than ordinary use etc. as and when required.					
1.03	Repair, maintenance and servicing of Digital Control Conference System of DIS make in H.P Vidhan Sabha at Tapovan Dharamshala for the Year 2024-25	3	36900	Rupees Thirty Six Thousand Nine Hundred Only	Per Month	110700
2.00	Operation of the above system during each Vidhan Sabha Winter Session or at some other important occasion / function up till the time period of contract by deployment of qualified/Skilled Engineer/Operator for the purpose as required. Their is no limit of occassion /function which may be increased and decreased during the year.	10	5400	Rupees Five Thousand Four Hundred Only	P/Day	54000
Total						164700

Schedule of Quantity checked and approved for ₹ 164700/- only

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
NAME OF WORK :- Repair, Maintenance, Testing and Servicing of Fire Fighting System and Refilling of Fire Extinguisher during Vidhansabha session in H.P Vidhan Sabha at Tapovan (Dharamshala) In District Kangra (H P) for the year 2024-25			Job No 4		ESTIMATED COST: Rs 2,29,471/-only. EARNEST MONEY: Rs.4600/-only TIME ALLOWED: Three Months	
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Repair & Maintenance of Fire-Aid Fire Hose Reels Drums with beliding, Ball Valve, Threading, Safeda, Union, Nipple, Socket etc. complete in all respect.	5	1850	Rupees One Thousand Eight Hundred Fifty Only	Each	9250
2.00	Replacement of underground M.S pipe Heavy Class with cutting, jointed, threading, beliding etc. complete in all respect. Makes:- Jindal/B.S.T./Surya Tube.					
2.01	80 mm dia.	6	1885	Rupees One Thousand Eight Hundred Eighty Five Only	Per Metre	11310
2.02	100 mm dia.	6	2650	Rupees Two Thousand Six Hundred Filty Only	Per Metre	15900
3.00	Providing Skilled manpower for maintenance for the fire Fighting and fire alarm system during H.P vidhan Sabha Session for the Year 204-25	1	12500	Rupees Twelve Thousand Five Hundred Only	Job.	12500
4.00	Providing & Fixing of 63 mm dia 15 m long non-percolating flexible hose (RRL- type A) as per IS : 636. Type A with G.M male & female instantaneous type coupling (IS 903) (For internal and External hydrant system) as required complete in all respects and to the best satisfaction of Engineer-in-charge.	8	9387	Rupees Nine Thousand Three Hundred Eighty Seven Only	Each	75096
5.00	Refilling of Portable Fire extinguishers,CO2 type 4.5 kg. Capacity complete in all respect	17	1450	Rupees One Thousand Four Hundred Filty Only	Each	24650
6.00	Refilling of Portable Fire extinguishers Water type(S/P) Capacity 9 litres. complete in all respect	19	800	Rupees Eight Hundred Only	Each	15200

7.00	Refilling of Portable Fire extinguishers ABC type (filled with 50 Map Powder) 6 kg capacity complete in all respect.	8	1590	Rupees One Thousand Five Hundred Ninety Only	Each	12720
8.00	Providing, fixing, testing & commissioning of Sluice/ Gate Valve of cast iron body, brass/bronze, ball valve, M.S pipe of required size, flanges, orifice plate, net Volts, gasket etc. of following size as required including carriage of material in all leads and lifts Make: Zlooto/Kartar/ Sant.					
8.01	100 mm dia.	1	37845	Rupees Thirty Seven Thousand Eight Hundred Forty Five Only	Each	37845
9.00	Providing & fixing of Bitumein sheet 4mm thick (pipekot) wrapping & coating for MS pipe with excavation and filling the same as required complete in all respects.	12	1250	Rupees One Thousand Two Hundred Fifty Only	Per Metre	15000
	Total					229471

Schedule of quantities checked and approved for 2229471 only

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Providing LAN wiring in the Room's of HP Cabinet Minister's, Opposition leader room in Vidhansabha building complex at Tapovan Dharamshala in Distt. Kangra (H.P.)

SR. NO.	DESCRIPTION	QTY.	Job No <u>5</u>		UNIT	AMOUNT
			FIGURES	RATES WORDS		
1	Providing and supplying CAT6 CABLE Solid cables are the best twisted-pair cables for transmitting data over local area Networks (LANs). These cables exceed performance requirements specified by the TIA/EIA-568C 2 and IEC 60603-7-4 standards. Makes: D-link/Molex/ Beldon	520	55	Rupees Fifty Five Only	Per metre	28600
2	Providing and fixing PATCH CORD 3 Metre with both side RJ 45 Connector as required complete in all respects. Makes: D-link/Molex/ Beldon	25	445	Rupees Four Hundred Forty Five Only	Each	11125
3	Providing and fixing PATCH CORD 1 Metre with both side RJ 45 Connector as required complete in all respects. Makes: D-link/Molex/ Beldon	25	130	Rupees One Hundred Thirty Only	Each	3250
4	Providing and fixing RJ jack wall socket with plate (I.O. BOX) as required complete in all respects. Makes: D-link/Molex/ Beldon	25	610	Rupees Six Hundred Ten Only	Each	15250
5	Providing and fixing 9U Rack with power strip and wall mounted hardware as required complete in all respects. Makes: D-link/Molex/ Beldon	1	8920	Rupees Eight Thousand Nine Hundred Twenty Only	Each	8920
6	Providing and fixing 24 PORT LIU, Cold Steel, 1.2mm Thickness, Alum., 1.2mm Thickness, Metal Mounting Ear Cold Steel, 2.0mm Thickness ABS, Adapter Panel Cold Steel, 1.5mm Thickness, Cable Plug Rubber as required complete in all respects. Makes: D-link/Molex/ Beldon	1	11270	Rupees Eleven Thousand Two Hundred Seventy Only	Each	11270
7	Supplying and Laying OFC cable 6 core mully mode Armoured as required complete in all respects. Makes: D-link/Molex/ Beldon	50	100	Rupees One Hundred Only	Per metre	5000

ESTIMATED COST: Rs 3,12,440/-only.
EARNEST MONEY: Rs.6300/-only
TIME ALLOWED: Three Months

8	Supplying, Installation, Testing and Commissioning of Managed Switch, 24 port GE, 4x1G SFP, 24 x PoE+ Gigabit Ports, 4 x 1GbE SFP Ports, 56 Gb/s Switching Capacity, 41.66 Mpps Forwarding Rate, 800 MHz ARM Processor, 512MB RAM, Rack-Mountable Design, 195W Power Budget as required complete in all respects. Makes: Cisco/ Juniper/Extreme.	1	86865	Rupees Eighty Six Thousand Eight Hundred Sixty Five Only	Each	86865
9	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Makes: Diplast/Polyplast/Anchor/BEC.	150	90	Rupees Ninety Only	Per metre	13500
10	Providing and fixing OFC Patch cord 3 metre long as required complete in all respects. Makes: D-link/Molex/ Beldon.	3	4200	Rupees Four Thousand Two Hundred Only	Each	12600
11	Providing and fixing OFC Pigtail as required complete in all respects. Makes: D-link/Molex	25	472	Rupees Four Hundred Seventy Two Only	Each	11800
12	Supplying, installation, Termination and splicing with jointing for OFC cable in LIU Cabinet as required complete in all respects.	25	650	Rupees Six Hundred Fifty Only	Each	16250
13	Providing and fixing SFP, Data-rate of 1.25Gbps operation, 850nm VCSEL laser and PIN photo detector, Compliant with SFP MSA and SFP 8472 with duplex LC receptacle. Make: Molex, SYROTECH, D-LINK.	3	6720	Rupees Six Thousand Seven Hundred Twenty Only	Each	20160
14	Providing and fixing 24 Port patch panel, ID plate, PVC, Transparent color with paper, Panel: SPEC, 1.5mm thickness with Black (RAL 9005) color painted, RJ45 Jack: Housing: ABS, UL 94V-0 Contact Brackets: PC, UL 94V-2, Transparent color, RJ45 Jack as required complete in all respects. Makes: D-link/Molex/ Beldon	1	6850	Rupees Six Thousand Eight Hundred Fifty Only	Each	6850
15	Repair, maintenance, Testing, servicing and Operation of Local Area Network System & also providing Cat 6 Patch cord of 3 Meter, 5 Meter and 10 Meter as per requirement of Vidhansabha staff and Providing the persons i.e. LAN Engineers at the Time of Vidhan Sabha Session as required complete in all respect.	1	48,500	Rupees Forty Eight Thousand Five Hundred Only	Per Job	48500

16	Repair, maintenance, Testing and service all Plan set wiring (Will check all the Intercom wires) For Hon'ble C.M. Room, Speaker Room, Deputy speaker room, MPs Rooms to PAs rooms & Vidhansabha staff and Providing the person i.e. Intercom Engineers at the Time of Vidhan sabha Session as required complete in all respect.	F 1	12.500	Rupees Twelve Thousand Five Hundred Only	Per Job	12500
Total						312440

Schedule of Quantity checked and approved for ₹ 312440-00/only

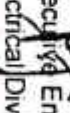
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Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Repair and Maintenance of 2 KVA UPS/Inverter installed in Vidhan Sabha Building Complex at Tapovan (Dharamshala) in Distt Kangra (H.P.) for the year 2024-25.			Job No 6		ESTIMATED COST: Rs 1,22,050/-only. EARNEST MONEY: Rs.2500/-only TIME ALLOWED: Three Months	
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1 00	Repairing/replacement of motherboard of 2 KVA UPS installed in Vidhansabha complex including the servicing charges etc. as required complete in all respect Make: Numeric	2	15076	Rupees Fifteen Thousand Seventy Six Only	Each	30152
2 00	Supplying, erection, testing & commissioning of batteries having following capacity with suspended electrolyte (leak proof) suitable for different capacities UPS System etc. as required complete in all respects and to the best satisfaction of Engineer-in-Charge.					
2 01	Tall Tubular Battery 12 Volt 18 Ah Makes: Exide/Quanta/Microtek	24	2593	Rupees Two Thousand Five Hundred Ninety Three Only	Each	62232
2 02	Lead Acid Battery 12 Volt 160 Ah Makes: Exide/Quanta/Microtek	2	14833	Rupees Fourteen Thousand Eight Hundred Thirty Three Only	Each	29666
Total						122050

Schedule of Quantity checked and approved for ₹ 122050/-only


 Executive Engineer
 Electrical Division
 HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- R/M of E.I of Circuit House Dharamshala Distt Kangra (H.P) (SH : Repair of E.I during Vidhansabha session 2024-25).

job No 7

ESTIMATED COST: Rs. 85,170/-only.
EARNEST MONEY: Rs.1800/-only
TIME ALLOWED: Three Months

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required Make:- Schneider/ Legrand/L&T					
1.01	S.P. 5/ 6 Amps one way Modular switch.	10	93	Rupees Ninety Three Only	Each	930
1.02	S.P. 15/ 16 Amps one way Modular switch.	10	164	Rupees One Hundred Sixty Four Only	Each	1640
1.03	5 pin, 5/ 6 Amps Modular socket outlet.	10	136	Rupees One Hundred Thirty Six Only	Each	1360
1.04	6 pin,15/16 Amps Modular socket outlet.	10	231	Rupees Two Hundred Thirty One Only	Each	2310
2.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
2.01	40 Amps. (Make:- Schneider/ Legrand/L&T)	5	426	Rupees Four Hundred Twenty Six Only	Each	2130
2.02	63 Amps. (Make:- Schneider/ Legrand/L&T)	5	530	Rupees Five Hundred Thirty Only	Each	2650

3.00	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve. Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required.					
3.01	25 Liter capacity water heater (Cat-A) Makes: Usha/Bajaj/Racold	3	12806	Rupees Twelve Thousand Eight Hundred Six Only	Each	38418
4.00	Providing and installation exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required.					
4.01	Exhaust Fan, Light duty, (Domestic) 300 mm sweep Makes: Bajaj/Usha/Crompton	4	2567	Rupees Two Thousand Five Hundred Sixty Seven Only	Each	10268
5.00	Providing and fixing LED tube fixture (including the cost of Batten/channel and LED Lamp) suitable for surface application with the use of the latest technology 18 watt (1800 Lumen) 6000K and it should be compatible with specification i.e. Power Factor ≥ 0.9 , Harmonic Distortion $\leq 10\%$ and efficacy ≥ 100 Lumens per watt, CRI rating > 80 suitable for input voltage: AC 220-240 V, 50 Hz, complete with all accessories, connections, testing and commissioning etc. as required. With 5 Year Warranty. Makes: Havells/ Bajaj/ Philips /Wipro.	4	867	Rupees Eight Hundred Sixty Seven Only	Each	3468
6.00	Supplying and fixing LED lamps of Following watt with polycarbonate diffuser on the existing light point as required complete in all respect.					
6.01	LED Lamp 9 watt	12	132	Rupees One Hundred Thirty Two Only	Each	1584
7.00	Providing skilled Electrician-II and unskilled Team-mate for electrical maintenance during H.P. Vidhan Sabha session during January 2023.	1	13872	Rupees Thirteen Thousand Eight Hundred Seventy Two Only	Per Job	13872

8 00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make: L&T / Schenider/ Legrand.	6	469	Rupees Four Hundred Sixty Nine Only	Each	2814
9 00	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make: L&T / Schenider/ Legrand.	6	621	Rupees Six Hundred Twenty One Only	Each	3726
Total						85170

Schedule of quantity checked and approved for ₹ 851700 only


 Executive Engineer
 Electrical Division
 HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- R/M of E.I of Rest House Dharamshala Distt Kangra (H.P) (SH : Repair of E.I during Vidhansabha session 2024-25).									
SR. NO.	DESCRIPTION	QTY.	job No 8		ESTIMATED COST: Rs. 64,421/-only. EARNEST MONEY: Rs.1800/-only TIME ALLOWED: Three Months.				
			FIGURES	RATES	WORDS	UNIT	AMOUNT		
1.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required Make:- Schneider/ Legrand/L&T								
1.01	S.P. 5/ 6 Amps one way Modular switch.	6	93	Rupees Ninety Three Only		Each	558		
1.02	S.P. 15/ 16 Amps one way Modular switch.	5	164	Rupees One Hundred Sixty Four Only		Each	820		
1.03	5 pin, 5/ 6 Amps Modular socket outlet.	5	136	Rupees One Hundred Thirty Six Only		Each	680		
1.04	6 pin, 15/16 Amps Modular socket outlet.	5	231	Rupees Two Hundred Thirty One Only		Each	1155		
2.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.								
2.01	40 Amps. (Make:- Schneider/ Legrand/L&T)	3	426	Rupees Four Hundred Twenty Six Only		Each	1278		
2.02	63 Amps. (Make:- Schneider/ Legrand/L&T)	3	530	Rupees Five Hundred Thirty Only		Each	1590		

3.00	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required -					
3.01	25 Liter capacity water heater (Cat-A) Makes: Usha/Bajaj/Racold	2	12806	Rupees Twelve Thousand Eight Hundred Six Only	Each	25612
4.00	Providing and installation exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc as required.					
4.01	Exhaust Fan, Light duty, (Domestic) 300 mm sweep Makes: Bajaj/Usha/Crompton	2	2567	Rupees Two Thousand Five Hundred Sixty Seven Only	Each	5134
5.00	Providing and fixing LED tube fixture (including the cost of Batten/channel and LED Lamp) suitable for surface application with the use of the latest technology 18 watt (1800 Lumen) 6000K and it should be compatible with specification i.e. Power Factor ≥ 0.9 , Harmonic Distortion $\leq 10\%$ and efficacy ≥ 100 Lumens per watt, CRI rating > 80 suitable for input voltage: AC 220-240 V, 50 Hz, complete with all accessories, connections, testing and commissioning etc. as required. With 5 Year Warranty.Makes: Havells/ Bajaj/ Philips Wipro.	6	867	Rupees Eight Hundred Sixty Seven Only	Each	5202
6.00	Supplying and fixing LED lamps of Following watt with polycarbonate diffuser on the existing light point as required complete in all respect .					
6.01	LED Lamp 9 watt	15	132	Rupees One Hundred Thirty Two Only	Each	1980

7.00	Providing skilled Electrician-II and unskilled Team-mate for electrical maintenance during H.P. Vidhan Sabha session during January 2023.	1	13872	Rupees Thirteen Thousand Eight Hundred Seventy Two Only	Per Job	13872
8.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required Make:- Schneider/ Legrand/L&T	6	469	Rupees Four Hundred Sixty Nine Only	Each	2814
9.00	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make:- Schneider/ Legrand/L&T	6	621	Rupees Six Hundred Twenty One Only	Each	3726
	Total					64421

Schedule of quantity checked and approved for Rs 64421 only

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Providing & Fixing Power wiring , geyser , Exhaust fan etc. in Additional Block in Civil Hospital at palampur Tehsil Palampur in Distt. Kangra HP

job No 9

ESTIMATED COST: Rs. 96,265/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED: One Month

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc as required.					
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	Make :- Polycab/KEI/GrandLay/Anchor					
2	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	15	395	Rupees Three Hundred Ninety Five Only	P/Mtr.	5925
	Make :- Polycab/KEI/GrandLay/Anchor					
3	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	12	703	Rupees Seven Hundred Three Only	P/Mtr.	8436
	Make :- Polycab/KEI/GrandLay/Anchor					
4	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required					
i	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	15	332	Rupees Three Hundred Thirty Two Only	P/Mtr.	4980

II	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	3	696	Rupees Six Hundred Ninety Six Only	P/Mtr	2088
	Make :- Polycab/KEI/Grandlay/Anchor					
6	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required Make :- Polycab/KEI/Grandlay/Anchor					
I	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	10	1197	Rupees One Thousand One Hundred Ninety Seven Only	P/Mtr.	11970
7	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required:-					
I	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	8	2267	Rupees Two Thousand Two Hundred Sixty Seven Only	Each	18136
	Make:- Usha/Bajaj/Crompton					
8	Providing and installation of LED fixture 12 W +/- 1 W LED Square Surface Mounted Downlighter Round Shape with minimum system lumen efficacy of 85 lm/W with and P.F ≥ 0.95 with THD <20%, CCT 6000 K, CRI 80. The LED with useful life of 50000 Hrs at L70. The input voltage range shall be 150V to 270V With 5 Year Warranty.					
	LED Surface mounting round downlighter 12 watt	2	1412	Rupees One Thousand Four Hundred Twelve Only	Each	2824
	Makes :- Wipro (Cat No :- LD80-171-xxx-60-SM/Philips/Bajaj)					

9	Providing and fixing following rating and breaking capacity MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc as required. Make :- L&T/Legrand/Schenider					
i	100 amps 18 k	1	6868	Rupees Six Thousand Eight Hundred Sixty Eight Only	Each	6868
10	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required:-					
i	25 Liter capacity water heater (Cat-A)	1	12806	Rupees Twelve Thousand Eight Hundred Six Only	Each	12806
	Make :- Usha/Baja / Crompton					
	Total					96265

Schedule of quantity checked and approved for Rs. 96265/- only


 Executive Engineer
 Electrical Division
 HPPWR, Palampur