

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.:PW/EDP/CB/TA/CONT/2023-24/ 7279-87

Dated: 22/12/23

To

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

Subject: Publishing of Tender Notice.

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
HPPWD Palampur

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

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


Executive Engineer
Electrical Division
HPPWD Palampur

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

"Notice Inviting Tenders"

Sealed percentage 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 **02-01-2024** 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 **29-12-2023** up to 4.00 P.M. and the application for issue of tender form shall be received on **30-12-2023** 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	Estimate d Cost	Earne st Money	Time Limit	Form No.	Cost of Form	Eligible class of contractor
1	C/O Additional accommodation for newly upgraded 50 Bedded Civil Hospital at Indora, Distt. Kangra, HP.	357335/-	7200/-	One Year	8	350/-	C,B
2	C/O Additional accommodation for newly upgraded 50 Bedded Civil Hospital at Indora, Distt. Kangra, HP (SH: Engagement of E.I. maintenance staff i.e. T-Mate (Electrical) in newly upgraded 50 Bedded Civil Hospital at Indora for one year).	210960/-	4300/-	One Year	8	350/-	D,C
3	C/O Arya Degree College at Nurpur in Tehsil Nurpur Distt. Kangra, HP (SH: Engagement of E.I. maintenance staff i.e. T-Mate (Electrical) in Govt. Arya Degree College for one year).	210960/-	4300/-	One Year	8	350/-	D,C
4	C/O Health Sub Centre at Kiari in Tehsil Shahpur, Distt. Kangra, HP (SH: Providing E.I. therein).	128365/-	2600/-	Six Months	8	350/-	D,C
5	Providing and Fixing Yard Lighting in HPPWD Rest House Chadhiar in Tehsil Baijnath Distt. Kangra, HP (SH: S/F LED fitting, Exhaust Fan etc. therein).	384114/-	7700/-	Two Weeks	8	350/-	C,B
6	C/O Ayurvedic Health Centre with Wards at Sansai (Ground Floor) in Tehsil Baijnath Distt. Kangra HP (SH: Providing E.I. therein).	402863/-	8100/-	Six Months	8	350/-	C,B

7	C/O Rajeev Gandhi Govt. Engineering College at Nagrota Bagwan Distt. Kangra HP (SH: Providing steel conduit in Architecture Block therein).	490250/-	9900/-	Two Months	8	350/-	C,B
8	C/O Govt. Degree College at Dhaliara (Admin cum Academic) in Tehsil Dehra Distt. Kangra, HP (SH: Providing Air Conditioning units therein).	342885/-	6900/-	One Month	8	350/-	Specialized Job

HIM SUCHNA AVAM JAN SAMPARK VIBHAG

SCHEDULE OF QUANTITY						
NAME OF WORK :- C/O Additional Accommodation for newly upgraded 50 bedded Civil Hospital at Indora Distt. Kangra (HP).			Job No		ESTIMATED COST: Rs 3,57,335/-only. EARNEST MONEY: Rs.7200/-only TIME ALLOWED: One Year	
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Providing services on temporary basis of drafts Man in the office of Electrical Division, HPPWD Palampur during working hours.	365	979	Rupees Nine Hundred Seventy Nine Only	Per Day	357335
	Total					357335
Terms And Condition:-						
1	The agency shall have to provide services as required in schedule of work.					
2	The services is required during normal working hours i.e. 10:00 AM to 5:00 PM or as required.					
3	The services have to be provided as per the directions of office-in-charge.					
4	The agency shall have to pay /provided minimum wages / rest / holiday as per HP State Govt. labour norms applicable for daily paid workers.					
5	Nothing extra shall have to pay / issued on account of liberties, T&P soap, duster etc.					
6	The services are required temporarily and can be terminated at any time without assigning any reason.					
7	Nothing extra shall have to paid for absent period.					
8	Nothing extra shall be made on monthly basis.					
9	The staff shall have to report daily to concerned office in-charge.					
10	Period of service depends upon the requirement of work and can be increased /decreased / terminated without assigning any					
11	The worker should be fully insured.					

Draft schedule of quantity checked and approved
Dr. H. 357335/-

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- C/O Additional Accommodation for newly upgraded 50 bedded Civil Hospital at Indora Distt. Kangra (HP). (SH:- Engagement of E.I. Maintenance staff i.e. T- Mate (Electrical) in newly upgraded 50 bedded Civil Hospital at Indora for One year).		Job No	ESTIMATED COST: Rs 2,10,960/-only. EARNEST MONEY: Rs.4300/-only TIME ALLOWED: One Year		
SR. NO.	DESCRIPTION		FIGURES	RATES WORDS	UNIT AMOUNT
1	Engagement of T-mate (Electrical) for Running Operation and Maintenance of Electrical installation in newly upgraded 50 bedded Civil Hospital at Indora under the control of Electrical Sub-Division HP PWD Nurpur, i.e. One number T-mate (Electrical) for one year as per instructions and directions of Engineer-in-charge.				
	T- Mate (Electrical) for One year	1	210960	Rupees Two Lacs Ten Thousand Nine Hundred Sixty Only	One Year 210960
	Total				210960
Terms And Condition:-					
1	The agency shall have to provide services as required in schedule of work.				
2	The services is required during normal working hours i.e. 10:00 AM to 5:00 PM or as required.				
3	The services have to be provided as per the directions of office-in-charge.				
4	The agency shall have to pay /provided minimum wages / rest / holiday as per HP State Govt. labour norms applicable for daily paid workers.				
5	Nothing extra shall have to pay / issued on account of libraries, T&P soap, duster etc.				
6	The services are required temporarily and can be terminated at any time without assigning any reason.				
7	Nothing extra shall have to paid for absent period.				
8	Nothing extra shall be made on monthly basis.				
9	The staff shall have to report daily to concerned office in-charge.				
10	Period of service depends upon the requirement of work and can be increased / decreased / terminated without assigning any reason.				
11	The worker should be fully insured.				

Draft schedule of quantity checked and approved for 210960/-

Executive Engineer
Electrical Division
HPPWD Palampur

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SCHEDULE OF QUANTITY

NAME OF WORK :- C/O Govt. Arya Degree College at Nurpur in Tehsil Nurpur Distt. Kangra (HP)(SH):- Engagement of E.I. Maintenance staff i.e. T-Mate (Electrical) in Govt. Arya Degree College at Nurpur for One Year.		Job No	ESTIMATED COST: Rs 2,10,960/-only. EARNEST MONEY: Rs.4300/-only TIME ALLOWED: One Year	
SR. NO.	DESCRIPTION		FIGURES	AMOUNT
		QTY.	RATES WORDS	UNIT
1	Engagement of T-mate (Electrical) for Running Operation and Maintenance of Electrical installation in C/o Govt. Arya Degree College at Nurpur under the control of Electrical Sub-Division HP PWD Nurpur, i.e. One number T-mate (Electrical) for one year as per instructions and directions of Engineer-in-charge.			
	T- Mate (Electrical) for One year	1	Rupees Two Lacs Ten Thousand Nine Hundred Sixty Only	One Year
	Total			210960
Terms And Condition:-				
1	The agency shall have to provide services as required in schedule of work.			
2	The services is required during normal working hours i.e. 10:00 AM to 5:00 PM or as required.			
3	The services have to be provided as per the directions of office-in-charge.			
4	The agency shall have to pay /provided minimum wages / rest / holiday as per HP State Govt. labour norms applicable for daily paid			
5	Nothing extra shall have to pay / issued on account of libraries, T&P soap, duster etc.			
6	The services are required temporarily and can be terminated at any time without assigning any reason.			
7	Nothing extra shall have to paid for absent period.			
8	Nothing extra shall be made on monthly basis.			
9	The staff shall have to report daily to concerned office in-charge.			
10	Period of service depends upon the requirement of work and can be increased /decreased / terminated without assigning any			
11	The worker should be fully insured.			

Executive Engineer
 Electrical Division
 HPPWD Palampur

Total value of quantity checked and approved
 Rs 210960/-

SCHEDULE OF QUANTITY							
NAME OF WORK :- : C/o Health Sub-Centre at Kairi in Tehsil Shahpur Distt. Kangra (H.P.) (SH: Providing E.I. therein)			Job No	ESTIMATED COST: Rs. 1,28,365/-only. EARNEST MONEY: Rs.2600/-only TIME ALLOWED: Six Months			
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.						
	Group C.	20	1,824.00	Rupees One Thousand Eight Hundred Twenty Four Only	Per Point	36480	
	Makes:- L&T(Entice)/Legrand(Myrius)/Schneider(Opale)/SCI						
2	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.						
2.1	2x1.5 Sq. mm.	25	335.00	Rupees Three Hundred Thirty Five Only	Per Meter	8375	
2.2	2x4.0 Sq. mm.	16	473.00	Rupees Four Hundred Seventy Three Only	Per Meter	7568	
2.3	2x10 Sq. mm.	1	793.00	Rupees Seven Hundred Ninety Three Only	Per Meter	793	
	Makes:- KEI / Anchor / Finolex/SCI						
3	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. (4X4+2X4)HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	10	755.00	Rupees Seven Hundred Fifty Five Only	Per Meter	7550	
	Makes:- KEI / Anchor / Finolex/SCI						

4	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in existing surface / recessed. Steel/PVC conduit as required. 3x1.5 Sq. mm	15	108.00	Rupees One Hundred Eight Only	Per Meter	1620
	Makes:- KEI / Anchor / Finolex/SCI					
5	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required.	6	656.00	Rupees Six Hundred Fifty Six Only	Each	3936
	Makes:- L&T / Legrand / Scheneider					
6	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required.	3	926.00	Rupees Nine Hundred Twenty Six Only	Each	2778
	Makes:- L&T / Legrand / Scheneider					
7	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:-	1	223.00	Rupees Two Hundred Twenty Three Only	Each	223
	Makes:- Anchor / Havells / Goldmedal					
8	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:- Single Pole Cat-A	7	265.00	Rupees Two Hundred Sixty Five Only	Each	1855
	Makes:- L&T / Legrand / Scheneider					
9	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. Double pole Cat-A.	1	488.00	Rupees Four Hundred Eighty Eight Only	Each	488
	Makes:- L&T / Legrand / Scheneider					

10	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
	40 Amps. Cat-A.	1	2715.00	Rupees Two Thousand Seven Hundred Fifteen Only	Each	2715	
	Makes:- L&T / Legrand / Scheneider						
11	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:-						
	Double door-12 way	1	2309.00	Rupees Two Thousand Three Hundred Nine Only	Each	2309	
	Makes:- L&T / Legrand / Scheneider						
12	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	1	10424.00	Rupees Ten Thousand Four Hundred Twenty Four Only	Per Set	10424	
13	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	20	30.00	Rupees Thirty Only	Per Meter	600	
14	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:-	2	2269.00	Rupees Two Thousand Two Hundred Sixty Nine Only	Each	4538	
	Exhaust Fan, Light duty, (Domestic) 300 mm sweep						
	Makes: Usha / Bajaj / Crompton Greaves						

15	Supplying and fixing of LED Bulkhead with a nominal system output of 1000 lumens, CCT 6500K Ceiling and wall mount LED bulk head serves as an excellent energy efficient alternative to CFL/incandescent bulkhead luminaires suitable for surface and wall mounting application as required complete with all accessories, connections, testing and commissioning etc. LED Bulkhead, 10 Watt								
16	Makes:- Panasonic /Havells/Philips/Usha tishva Providing, Installation, testing and commissioning of ceiling fan with step type electronic regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required:- Make:- Usha/Havells/Bajaj/Techniplus 3 star.	3	1,736.00	Rupees One Thousand Seven Hundred Thirty Six Only	Each	5208			
17	Ceiling Fan 1200 mm sweep, Cat.-A Supplying and fixing surface mounted circular LED 18 Watt (1800 lumen), 6000K and it should be compatible with specifications i.e. power factor ≥ 0.9 , harmonic distortion $\leq 10\%$ and efficacy ≥ 100 lumens per watt, CRI > 80 , suitable for input voltage AC 220-240V, 50/60 Hz complete with all accessories, connections, testing and commissioning etc. 18 Watt LED, Round downlighter surface mounted	4	3191.00	Rupees Three Thousand One Hundred Ninety One Only	Each	12764			
18	Makes:- Panasonic/Wipro/Havells Providing and fixing decorative extruded tube fixture having high quality design suitable for LED tube up to 18Watt (1800 lumen) 6500K and it should be compatible with specifications i.e. power factor ≥ 0.9 , harmonic distortion $\leq 10\%$ and efficacy ≥ 100 lumens per watt, CRI > 80 , suitable for input voltage AC 220-240V, 50/60 Hz, including one no. tube rod 18 Watt complete with all accessories, connections, testing and commissioning etc. as required.	6	1562.00	Rupees One Thousand Five Hundred Sixty Two Only	Each	9372			

18 Watt LED Tube Fixture						
	Makes:- Bajaj /Havells/Philips/Usha tishva.					
19	Providing and fixing high efficiency 2 Feet LED Extruded aluminium housing (enhances safety) with high quality polycarbonate diffuser for optimum light output with in built LED driver, designed suitable for 10 Watt (1150 lumen) 6500K and it should be compatible with specifications i.e. power factor ≥ 0.9 , harmonic distortion $\leq 10\%$ and efficacy ≥ 100 lumens per watt, CRI > 80 , suitable for input voltage AC 140-270V, 50/60 Hz, complete with all accessories, connections, testing and commissioning etc. as required.	3	1033.00	Rupees One Thousand Thirty Three Only	Each	3099
	LED 10 Watt, 2 feet long (Smartbrite Batten)					
	Makes:- Philips /Panasonic/bajaj					
20	Supplying and fixing 45W LED street light made up of pressure die cast housing with TOUGHENED GLASS and IP66 protection including connections, testing etc. as required complete in all respects.	1	564.00	Rupees Five Hundred Sixty Four Only	Each	564
	45W LED Street Light					
	Makes: Panasonic /Bajaj/Havells	1	5106.00	Rupees Five Thousand One Hundred Six Only	Each	5106
	Total					128365

*Draft schedule of quantity checked and approved
for Rs 128365/-*

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							ESTIMATED COST: Rs.3,84,114/-only. EARNEST MONEY: Rs.7700/-only TIME ALLOWED: Two Week	
Name of Work :- Providing and fixing Yard Lighting in HP PWD Rest house Chadhiar in Tehsil Baijnath Distt. Kangra HP (Sh:- S/F LED Fitting ,Exhaust Fan etc there in)		job No	RATES		UNIT	AMOUNT		
SR. NO.	DESCRIPTION	QTY.	FIGURES	WORDS				
1	Supplying and erection of LuxMax Steel Poles are made out of Galvanised Miled steel tubes having 140mm dia at bottom and 90mm dia at top with cast alum. The Poles are primer coated and painted with Polyurethane paint . Poles are suitable for single /Double/Triple/Four side Post Top/Drop down Luminaires . The Poles has a service window at the bottom comprising Four way 25 Amp connector terminal and a MCB Ploes has a miled steel base plate having Four numbers mounting holes and can be mounted with Four numbers anchor bolts complete in all respects as required.	✓						
	4 Mtrs. Lux Max-Steel Ribbed Pole - 105-81-Q1-400 with EMB-Q1/Bajaj/K-Lite	8	18313	Rupees Eighteen Thousand Three Hundred Thirteen Only	Each	146504		
2	Supplying and fixing of ruby Small LED Post Top fixture of following capacity are made of Die cast alum. Housing with three nos die cast aluminium arms are provided to support the housing power LEDs are mounted on metal clad PCBs and LEDs & PCB assembly are mounted extruded aluminium Heat Sinks AUV stabilized PC diffuser is provided as complete in all respects as required.	✓						
	LED 40 watt- Ruby Small Twinkle/Bajaj/K-Lite make	10	14329	Rupees Fourteen Thousand Three Hundred Twenty Nine Only	Each	143290		
3	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 sand cushioning, protective covering and refilling the trench etc. of the required size:-							

	Armoured cable 6 sq. mm (twin core)	100	480	Rupees Four Hundred Eighty Only	P/Mtrs.	48000
	Havells, Polycab, KEI					
4	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required.					
	Single pole. Cat-A.	2	268	Rupees Two Hundred Sixty Eight Only	Each	536
	L&T/Legrand/Schneider make					
5	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	63 Amps. Cat-A.	3	3620	Rupees Three Thousand Six Hundred Twenty Only	Each	10860
	L&T/Legrand/Schneider make					
6	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	40 Amps. Cat-A.	1	504	Rupees Five Hundred Four Only	Each	504
	63 Amps. Cat-A.	3	633	Rupees Six Hundred Thirty Three Only	Each	1899
	L&T/Legrand/Schneider make					
7	Providing and fixing following rating and breaking capacity MCCB with thermomagnetic release and terminal spreaders in existing cubical panel board including drilling holes cubical panel, making connections etc. as required.					

	63/100 Amp 30 KA	1	6875	Rupees Six Thousand Eight Hundred Seventy Five Only	Each	6875
	L&T/Legrand/Schneider make					
8	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:-					
	Double door-4 way	1	1659	Rupees One Thousand Six Hundred Fifty Nine Only	Each	1659
	L&T/Legrand/Schneider make					
9	Providing and installation of LED fixture 15 W +/- 1 W LED Square Surface Mounted Downlighter Round Shape with minimum system lumen efficacy of 85 lm/W with and P. F $\geq$ 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 15 watt	6	2474	Rupees Two Thousand Four Hundred Seventy Four Only	Each	14844
	Makes :-Wipro (Cat No :-LD80-171-xxx-60-SM/Philips/Bajaj)					
10	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:-					
	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	1	2334	Rupees Two Thousand Three Hundred Thirty Four Only	Each	2334
	Make:- Usha/Bajaj/Havells					

11	Providing and installation of IP65 LED Bulk Head 10 W +/- 1 W LED with system with efficacy 100 lm/W with Aluminium housing and P. F. $\geq$ 0.95 with THD <10%, CCT 5700 K, CRI 70, Surge protection 4 Kv. The LED with useful life of 50000 Hrs at L70. The input voltage range shall be 150V to 270V. With 5 Year warranty.	3	1434	Rupees One Thousand Four Hundred Thirty Four Only	Each	4302
	Makes :- Wipro (Cat. No.:- LW07-141-XXX-57-G1) Philips/Bajaj					
12	Providing and fixing Precent LED post top fixture are made of Die cast alum. Base and apun alum. Top fitted with LED PT Module, Power LED,s are mounted directly on inbuilt extruded alum, Heat Sinks, A UV stabilized Injection moulded Prismatic PC diffuser is provided for Glare Free Lighting with high Visual comfort complete with all accessories, connections, testing and commissioning etc. as required. With 5 Year warranty.					
	LED Batten light 40 W	1	2318	Rupees Two Thousand Three Hundred Eighteen Only	Each	2318
	Make :- Clair Cat. no. ZD-LTD010-40/ Bjaj/ Wipro					
13	Supplying and fixing call bell/buzzer suitable for single phase, 230 volts, complete as required.	1	189	Rupees One Hundred Eighty Nine Only	Each	189
	Gold Madel, Anchor/SSK					
	Total					384114

Draft schedule of quantity checked and approved
- for Rs 384114/-

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY							
Name of Work :- C/O Ayurvedic Health Center with Wards at Sansai (Ground Floor) in Tehsil Baijnath Distt. Kangra HP(SH:- Providing E I therein)			job No		ESTIMATED COST: Rs.4,02,863/-only. EARNEST MONEY: Rs.8100/-only TIME ALLOWED: Six Months		
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.						
	Group C.	60	1824	Rupees One Thousand Eight Hundred Twenty Four Only	Per point.	109440	
	SCI/KEI/Plaza make						
2	supplying and fixing following type of Surface mounted luminaire , white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Fectore> 0.9, Harmonic Distortion < 10% and efficacy> 100 lumens per watt, CRI rating >70 Suitable for input voltage AC 220-240 V , 50 Hz, Complete with all accessories , connections,testing and commissioning etc. as required with 5 years warranty						
	LED Batten light 20 W	7	761	Rupees Seven Hundred Sixty One Only	Each	5327	
	Make Crompton Cat. no. CCS-100-20-65-HL2-DP-NWH/ Bajaj/ Wipro						

3	Supplying of LED fixture 1200mmx300mm 36 w/- 1W surface mounted with PMMA diffuser with having minimum system lumen efficacy of 100Lm /W with CRCA Housing and PMMA Diffuser with P.F. > 0.95, THD<10%, CCT 5700 K, CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs. at L70 with 5 years warranty							
	Make :- Bajaj Cat no. BZSSL36L LED WH 1Wipro/Phillips	2	6746			Rupees Six Thousand Seven Hundred Forty Six	Each	13492
	Rectangular LED Panel Light 4x1							
4	Providing and installation of LED fixture 18 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 years warranty							
	LED Surface mounting round downlighter 18 watt	22	2514			Rupees Two Thousand Five Hundred Fourteen Only	Each	55308
	Makes :-Wipro (Cat No :-LL20-281-xxx-AL-1/Philips/Bajaj)							
5	Providing, Installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required. with not less than 3 rated star.							
	Ceiling Fan 1200 mm sweep, Category-A	6	3191			Rupees Three Thousand One Hundred Ninety One Only	Each	19146
	Makes :-Ceiling Fan 1200 mm sweep, Category-A usha Technix Plus 3 Star,Philips,Bajaj							

6	Providing and installation of IP65 LED Bulk Head 10 W +/- 1 W LED with system with efficacy 100 lm/W with Aluminium housing and P. F $\geq$ 0.95 with THD <10%, CCT 5700 K, CRI 70, Surge protection 4 Kv. The LED with useful life of 50000 Hrs at L70. The input voltage range shall be 150V to 270V . with 5 years warranty	10	1432	Rupees One Thousand Four Hundred Thirty Two Only	Each	14320
	Makes :-Wipro (Cat. No.:-LW07-141-XXX-57-G1) Philips/Bajaj .					
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:-					
	Exhaust Fan, Light duty, (Domestic) 300 mm sweep (Usha,Bajaj,Crompton make)	8	2269	Rupees Two Thousand Two Hundred Sixty Nine Only	Each	18152
8	Supplying and fixing call bell/buzzer suitable for single phase, 230 volts, complete as required.	1	187	Rupees One Hundred Eighty Seven Only	Each	187
	Gold Medal/Anchor make					
9	Providing and erection of LED 20 Watt street light luminaries of crompton greaves Electric having cat. No. / ordering code LSTS-20-CDL-M powered coated pressure die-cast aluminium SMDLED street light with heat resistant toughened glass , it should be compatible with specification i.e P.F.> 0.9, THD<10% , and efficiency > 100 lumens per watt CRI rating > 70 suitable for input voltage AC 220-240V, 50 Hz including connection testing and commissioning etc. as required , Make:- Crompton /Bajaj/Wipro with 5 years warranty					
	Make :- Crompton /Bajaj/Wipro	3	1567	Rupees One Thousand Five Hundred Sixty Seven	Each	4701
10	Supplying and erection of street light bracket made of G.I pipe A class of 40mm dia G.I pipe heavy class.	3	787	Rupees Seven Hundred Eighty Seven Only	Each	2361

11	Supplying and fixing suitable size G I 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, connections etc. as required.	23	582	Rupees Five Hundred Eighty Two Only	Each.	13386
	L&T/Legrand/Schneider make					
12	Supplying and fixing suitable size G I box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required.	8	750	Rupees Seven Hundred Fifty Only	Each.	6000
	L&T/Legrand/Schneider make					
13	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	50	473	Rupees Four Hundred Seventy Three Only	P/Mtr.	23650
	SCI/KEI/Plaza make					
14	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	46	755	Rupees Seven Hundred Fifty Five Only	P/Mtr.	34730
	SCI/KEI/Plaza make					
15	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required					
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	71	395	Rupees Three Hundred Ninety Five Only	P/Mtr.	28045
	4x6Sqmm+ 1 X 6 sq. mm earth wire	2	1072	Rupees One Thousand Seventy Two Only	P/Mtr.	2144
	SCI/KEI/Plaza make					
16	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel PVC conduit as required					
	3x2.5 sq mm	55	171	Rupees One Hundred Seventy One Only	P/Mtr.	9405

	SCI/KEI/Plaza make								
17	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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:- (But without MCB/RCCB/Isolator)								
	TPN tier PPI Distribution Board 12+2 way, MCCB+6+36 Modules	1	11785			Rupees Eleven Thousand Seven Hundred Eighty Five Only	Each	11785	
	L&T/Legrand/Schneider make								
18	Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts, 10 kA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:-								
	6 Amp Single pole. Cat-A.	11	265			Rupees Two Hundred Sixty Five Only	Each	2915	
	16 Amp Single pole. Cat-A.	8	265			Rupees Two Hundred Sixty Five Only	Each	2120	
	L&T/Legrand/Schneider make								
19	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.								
	40 Amps. Cat-A.	3	488			Rupees Four Hundred Eighty Eight Only	Each	1464	
	L&T/Legrand/Schneider make								
20	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamps in the existing MCB DB complete with connections, testing and commissioning etc. as required.								

	40 Amps. Cat-A.	3	2715	Rupees Two Thousand Seven Hundred Fifteen Only	Each	8145
	L&T/Legrand/Schneider make					
21	Providing and fixing following rating and breaking capacity MCCB with thermomagnetic release and terminal spreaders in existing cubical panel board including drilling holes cubical panel , making connections etc. as required.					
	63/100 Amp 30 KA	1	6848	Rupees Six Thousand Eight Hundred Forty Eight Only	Each	6848
	L&T/Legrand/Schneider make					
22	Earthing with G I earth plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Per set	8592
23	Supplying and laying 6 SWG G.I wire at 0.50 mtr below ground level for earth electrode conductor including soldering etc.as required	30	40	Rupees Forty Only	Per Mtr	1200
	Total					402863

Draft schedule of quantity checked and approved
for Rs 402863/-

[Signature]
 Executive Engineer
 Electrical Division
 HPPWD Palampur

SCHEDULE OF QUANTITY						
Name of Work :- C/o Rajeev Gandhi Govt. Engineering College at Nagrota Bagwan Distt. Kangra (H.P)(SH:- Providing steel conduit in Architecture Block therein).			job No		ESTIMATED COST: Rs.4,90,250/-only. EARNEST MONEY: Rs.9900/-only TIME ALLOWED: Two Months	
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Supplying and fixing of following sizes of steel conduit along with the accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required:-					
	25 MM.Dia	1850	265	Rupees Two Hundred Sixty Five Only	Per Meter	490250
	Make :- BEC/AKG/JPC					
	Total					490250

Draft schedule of quantity checked and approved for
Rs 490250/-

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK:- C/O Govt.Degree College at Dhaliara(Admin.cum Academic) in Tehsil Dehra Distt Kangra (HP) (SH: Providing Air Conditioning units there in).		Job No. ♦	ESTIMATED COST: Rs.3,42,885/-only. EARNEST MONEY: Rs.6900/-only TIME ALLOWED: One Month			
Sr. No.	DESCRIPTION	QTY.	FIGURE S	RATES WORDS	UNIT	AMOUNT
1	Supplying, Installing, Testing and Commissioning of Split Type Air Conditioner 1.8/2 TR 4 star inverter SPLIT AIR CONDITIONER (Hot and Cold) conforming to I.S.I -1391 Part-1992 with ammentent No. 1(expect power consumptions norms) fitted with Hermatically shielded Air Conditioner with installation & testing and commissioning etc. as required in all respects.					
i	Makes:- Daikin(Model no. FTH160)-J,O General, Voltas.					
ii	A.C. Unit 1.8/2 Ton capacity	3	85310	Rupees Eighty Five Thousand Three Hundred Ten Only	Each	255930
2	Supplying and fixing wall mounting voltage stabilizer of following rating with output 240 volts with voltage regulation range from 150 volt to 290volts and auto cut off beyond this range and time delay operation for the surges and fluctuations suitable for 1.5/2 TR capacity split type Air-Conditioner including making connections etc. as required complete in all respects.Makes:- Godrej/Voltas/wirpool					
	Automatic Voltage Stabilizer 5 KVA	3	6500	Rupees Six Thousand Five Hundred Only	Each	19500
3	P/F of M.S out door heavy duty stand powder coated suitable to hang 1.5/2 TR split A.C with six Nos. Anchor bolts as required complete in all respects and as per direction of Engineer - in- charge.	3	950	Rupees Nine Hundred Fifty Only	Each	2850
4	S/F of Copper tube with insulation for A.C 1.8/2 TR capacity complete in all respects as required.	21	1400	Rupees One Thousand Four Hundred Only	P/ mtr.	29400

5	S/F of Drain pipe of size 1" Dia (25mm) complete with elbows tees, socket etc. of superior quality as per satisfaction of Engineer-In-Charge.	27	195	Rupees One Hundred Ninety Five Only	P/ mtr.	5265
6	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
	3 X 2.5 sq. mm	20	171	Rupees One Hundred Seventy One Only	P/ mtr.	3420
	3 X 4 sq. mm	10	247	Rupees Two Hundred Forty Seven Only	P/ mtr.	2470
	Makes: Plaza/KEI/Anchor/SCI					
7	Providing and fixing PVC covering for copper pipe of following size 105X50mm as required complete in all respects.	18	1250	Rupees One Thousand Two Hundred Fifty Only	P/ mtr.	22500
	Makes:-Polypplast/Deeplast/BEC/PolyFit					
8	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 25 amps modular socket outlet and 25 amps modular SP MCB "C" curve including connection, painting etc. as required.	2	775	Rupees Seven Hundred Seventy Five Only	Each	1550
	Total					342885

Draft schedule of quantity checked and approved for Rs 342885/-

Executive Engineer
Electrical Division
HPPWD Palampur