

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.: PW/ESDD/CONT/2025-26/- 10090-99

Dated: 26-2-2026

To

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

Subject: Publishing of Tender Notice.

Jai Hind

Enclosed please find herewith the Tender Notice of works as given in the Notice Inviting Tender 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. All the Assistant Engineers Working under this Division.
3. Drawing Branch of this office.
4. The Notice board in this office.


Executive Engineer
Electrical Division
HP PWD Palampur

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
"Notice Inviting Tenders"**

Sealed percentage rate tenders on form 7&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 **07-03-2026** 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 **06-03-2026** up to 4.00 P.M. and the application for issue of tender form shall be received on **05-03-2026** up to 12.00 noon.

Sr. No	Name of Work	Estimated Cost	Earnest Money	Time Limit	Form No.	Cost of Form
1	Repair and maintenance of HPPWD Rest House at Pragpur , Distt. Kangra (H.P).(Sh:-Providing and fixing of Portable Fire Extinguishers therein).	55,582/-	1200/-	One month	7/8	350/-
2	Repair & Maintenance of Electrical Installation (E.I.) to Ravi Nursing Hostel at Dr. RPGMC Kangra at Tanda for the year 2025-26.	92,518/-	1900/-	One year	One month	350/
3	Replacement of Burnt out Sub Main , Power , Circuit wiring and accessories of Ground Floor Rooms 104 to 114 RHS Area of PG Girls Hostel at Dr. RPGMC Kangra at Tanda.	99,335/-	2000/-	One month	7/8	350/
4	Replacement of Burnt out Sub Main , Power , Circuit wiring and accessories of Ground Floor Rooms 101 to 103, Service / staff room, 115 to 117 LHS Area of PG Girls Hostel at Dr. RPGMC Kangra at Tanda.	98,561/-	2000/-	One month	7/8	350/
5	Providing and fixing Yard Lighting for Staff Qtrs at 30 beded hospital Chadhlar in Tehsil Baljnath Distt. Kangra HP (Sh:- Pdg. Earthing for Krushna lab etc there in).	99,715/-	2000/-	One month	7/8	350/
6	Providing,Installation,Testing and Commissioning of Main Electrical Panel,SOP Cable in the building of Kala Manch(Saheed Bhuvnesh Dogra Stadium Ward No.-7 MC Dehira) in Tehsil Dehra Distt. Kangra(H.P.)	68,481/-	1400/-	One month	7/8	350/
7	Construction of Lecture theater complex under EWS scheme Dr. RPGMC at Tanda , Distt. Kangra (H.P).(Sh:-Providing steel conduit in block A therein).	99,504/-	2000/-	Three months	7/8	350/
8	R/M of BMO office at Civil Hospital Dehra,Tehsil Dehra,Distt. Kangra(H.P.)(SH:-Providing computer boards,Heating Sockets and replacement of old tube lights with LED Fixtures therein).	99,620/-	2000/-	Three months	7/8	350/
9	Repair and Maintenance of E.I. to various Govt. Non—Residential Buildings at ESD Dharamshala Distt. Kangra. (SH:-Providing Inverter to CM Office in circuit house at dharamshala District Kangra H.P).	93,647/-	1900/-	One month	7/8	350/
10	Repair and Maintenance of E.I. to various Flood light and other accessories in circuit house at Dhramshala District Kangra H.P	79,845/-	1600/-	One month	7/8	350/
11	Repair and Maintenance of E.I. to various Govt. Non—Residential Buildings at ESD Dharamshala Distt. Kangra. (SH:-Providing and fixing old and damaged RCCB's, DP Isolator, MCB's replacement of LED Down lighters and wires, cable and campus light in Circuit House During the visit of Honourable President of India)	84,857/-	1700/-	Six months	7/8	350/
12	R/M of EI in various Rest Houses under Electrical Sub-Division HPPWD Palampur (Sh:- Providing and laying Armoured cable and accessories therein)	98,831/-	2000/-	One month	7/8	350/
13	R/M of EI and safety Devices in various Govt Residential / Non Residential Buildings under Electrical Sub-Division HPPWD Palampur .	99,120/-	2000/-	One month	7/8	350/
14	Replacement of Burnt out Sub Main , Power , Circuit wiring and accessories of Anatomy Block at Dr. RPGMC Kangra at Tanda. therein)	98,480/-	2000/-	One month	7/8	350/


15	Replacement of damaged/burnt out Automatic Mains Failure (AMF) Controller and battery charger of 500 KVA DG Set No.- I Installed at the Basement of 500 Bedded Hospital Dr. RPGMC Tanda.	97,511/-	2000/-	One month	7/8	350/
16	Construction of Forest Rest House Bharoll in Tehsil Jawalamukhi Distt. Kangra (HP)(SH: C/O Building portion, WS & SI) (SH: Supplying and laying Steel conduit in FF therein).	17,122/-	400/-	One month	7/8	350/
17	Providing and fixing of portable fire extinguishers and Refilling of existing Portable Fire Extinguishers installed in PG Hostel for girl at Dr. RPGMC Tanda in Distt. Kangra (HP).	99,558/-	2000/-	One month	7/8	350/

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This is certified that the above works are required to be carried out Immediately being emergent nature of work in Public Interest. The Tender documents shall be issued only to those contractor/firm who fulfill the following criteria/documents with the application.

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. In case of Holiday on the day of opening of tenders, the same will be opened on the next working day on the same time and venue.
8. Ambiguous/telephonic/conditional tenders or tenders fax/email/whatsapp shall not be considered and will be summarily be rejected.
9. The FDR duly pledged should be attached separately with each tender.
10. Only two number tender forms will be issued to the eligible contractor.
11. Conditional/ incomplete tenders & tender without earnest money will be summarily rejected.
12. The Executive Engineer, Electrical Division, HP PWD Palampur reserves the right to reject any tender without assigning any reasons.


 Executive Engineer
 Electrical Division
 HP PWD Palampur
 On behalf of Governor of Himachal Pradesh

DRAFT SCHEDULE OF QUANTITY


NAME OF WORK :- Repair and maintenance of HPPWD Rest House at Pragpur , Distt. Kangra (H.P.).(Sh:-Providing and fixing of Portable Fire Extinguishers therein).

①

ESTIMATED COST: 55,582/-only.
EARNEST MONEY: Rs.1200/-only
TIME ALLOWED:- One Month

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		RATES				
1	Providing and fixing Carbon dioxide CO2 4.5 Kg type fire extinguishers ISI mark. CE and EN Certified, consisting of seamless cylindrical body, squeeze lever discharge valve fitted with pressure indicating guage internal discharge tube, 30cms long high pressure discharge hoase, discharge nozzle, suspension bracket, confirming to IS: 15683 finished externally with red enamel paint and M S Wheel type complete with internal charge as required complete in all respects.	3	10966.00	Rs. Ten thousand nine hundred ninety six only	Each	32898
2	Providing & fixing of IS marked 15683 Water type 9 Litre (S/P) cylindrical body, squeeze lever discharge valve fitted with pressure discharge hose, discharge nozzle, etc. finished externally with red enamel paint and fixed to wall with brackets complete with internal charges.	4	5671	Rs. Five thousand six hundred seventy one only	Each	22684
Make: Minimax/Aska/ Anshul Fire/ Ceasefire						
Make: Minimax/Aska/ Anshul Fire/ Cesae Fire						
Total:-						55582

Draft Schedule of Quantity checked & Approved for No 551582-1000


 Executive Engineer
 Electrical Division
 HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Repair & Maintenance of Electrical Installation (E.I.) to Ravi Nursing Hostel at Dr. RPGMC Kangra at Tanda for the year 2025-26.		2		ESTIMATED COST:-92,518/-only. EARNEST MONEY: Rs.1900/-only TIME ALLOWED:- One year		
SR. NO.	DESCRIPTION	Job No	RATES	WORDS	UNIT	AMOUNT
		1	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.			
1.1	2x4sq.mm Make:- Finolex/Anchor/Plaza	40	311.00	Rupree three hundred elewn only	Per Meter	12440
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
2.1	3x1.5 Sq. mm. Make:- Finolex/Anchor/Plaza	60	100.00	Rupree one hundred only	Per Meter	6000
3	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.					
3.1	5/6 amps Piano type switch	40	42.00	Rupree forty two only	Each	1680.00
3.2	15/16 Amps. Piano type switch	35	116.00	Rupree one hundred sixteen only	Each	4060
3.3	5/6 amps Piano type socket	35	57.00	Rupree fifty seven only	Each	1995
3.4	15/16 amp Piano type socket	35	123.00	Rupree one hundred twenty three only	Each	4305

	Makes:- Anchor-Roma/L&T/Schneider							
	Supplying and fixing LED retrofit lamp suitable for B-22 holder base fittings with polycarbonate diffuser and aluminium heat sink as required complete in all respects.							
4								
4.1	9 Watt LED Lamp	40	157.00	Ruppee one hundred fifty seven only	Each	6280		
	Makes: Havells/Panasonic/Osram							
	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.							
5								
5.1	Single pole	12	239.00	Ruppee two hundred thirty nine only	Each	2868		
	Makes:- Anchor-Uno/L&T/Schneider							
	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.							
6								
6.1	63 Amps	5	530.00	Ruppee five hundred thirty only	Each	2650		
	Makes:- Anchor-Uno/L&T/Schneider							
7	Supplying and fixing Batten Holder as required complete in all respects.							
7.1	Batten Holder	25	80.00	Ruppee eighteen only	Each	2000		
	Makes: Havells/L&T/Bajaj							

8	Providing and fixing decorative LED mirror light having high quality design suitable for LED tube up to 10Watt (1000 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, complete with all accessories, connections, testing and commissioning etc. as required.					
8.1	10 Watt LED Mirror Light, 2 ft. Makes: Havells/Bajaj/Osram	35	426.00	Rupree four hundred twenty six only	Each	14910
9	Providing and fixing of LED batten having minimum efficacy of 100 lm/W, P.F. >0.95 with THD $<10\%$, CCT 6500 K,CRI 80, Surge Protection range 2 kV. The LED with useful life of 50000 Hrs. at L70 with five years warranty. The Input voltage shall be 150V to 270V, 50/60 HZ along with all accessories, including connections, testing etc. as required complete in all respects.					
9.1	LED Batten 20 Watt Makes:- Wipro/Havells/Bajaj	55	606.00	Rupree six hundred six only	Each	33330
	Total:-					92518

Draft Schedule of Quantity

Checked & Approved
Ar Ar 9/29/18 for

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Executive Engineer
Electrical Division
HPPWD Palampur

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DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of Burnt out Sub Main, Power, Circuit wiring and accessories of Ground Floor Rooms 104 to 114 RHS Area of PG Girls Hostel at Dr. RPGMC Kangra at Tanda.

③

ESTIMATED COST: 99,335/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:- One Month

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		RATES				
1	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required					
1.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	60	198.00	Rs. One hundred ninety eight only	Per Meter	11880
1.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	70	311.00	Rs. Three hundrd elevn only	Per Meter	21770
1.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	45	524.00	Rs. Five hundred twenty four only		23580
1.4	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	5	774.00	Rs. Seven hundred seventy four only	Per Meter	3870
1.5	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	5	1045.00	Rs. One thousand forty five only	Per Meter	5225
	Make:- Finolex/Anchor/Plaza					
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVCconduit as required.					

2.1	S/D 3x1.5 sq. mm	60	100.00	Rs. One hundred only	Per Meter	6000
2.2	S/D 3x4 sq. mm	20	220.00	Rs. Two hundred twenty only	Per Meter	4400
2.3	S/D 6x4 sq. mm	20	428.00	Rs. Four hundred twenty only	Per Meter	8560
	Make:-Finolex/Anchor/Plaza					
3	Supplying and fixing of following sizes of heavy class FRLS PVC conduit having wall thickness 2.0mm along with accessories insurface/recess including painting in case of surface conduit, or cutting the walland making good the same in case of recessed conduit as required.					
3.1	25 mm	20	87.00	Rs. Eighty seven only	Per Meter	1740
	Make:- BEC/Diplast					
4	Supplying and fixing following size/modules, G.I box alongwith modular base & cover for modular switches in recess etc.as required					
4.1	6 Module	1	425.00	Rs. Four hundred twenty five only	Each	425
4.2	8 Module	1	462.00	Rs. Four hundred sixty two only	Each	462
	Makes:- Anchor/L&T/Schneider.					
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
5.1	5/6 Amps Switch	5	93.00	Rs. Ninety three only	Each	465
5.2	5/6 Amps Socket	5	136.00	Rs. One hundred thirty six only	Each	680

5.3	15/16 Amps Switch	5	164.00	Rs. One one hundred sixty four only	Each	820
5.4	15/16 Amps Socket	5	231.00	Rs. Two hundred thirty one only	Each	1155
	Makes:- Anchor/L&T/Schneider.					
6	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:-					
6.1	Single pole. Cat-A.	11	239.00	Rs. Two hundred thirty nine only	Each	2629
	Makes:- L&T/Legrand/Schneider.					
7	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
7.1	63 Amps	2	530.00	Rs. Five hundred thirty only	Each	1060
	Makes:- L&T/Legrand/Schneider.					
8	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
8.1	63 Amps	2	976.00	Rs. Nine hundred seventy six only	Each	1952
	Makes:- L&T/Legrand/Schneider.					

9	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.						
9.1	Fan Regulator	2	422.00	Rs. Four hundred twenty two only	Each	844	
	Makes: Anchor/Bajaj/Havells						
10	Providing and fixing of LED batten having minimum efficacy of 100 lm/W, P.F.>0.95 with THD<10%, CCT 6500 K, CRI 80, Surge Protection range 2 kV. The LED with useful life of 50000 Hrs. at L70 with five years warranty. The Input voltage shall be 150V to 270V, 50/60 HZ along with all accessories, including connections, testing etc. as required complete in all respects.						
10.1	LED Batten 20 Watt	3	606.00	Rs. Six hundred six only	Each	1818	
	Makes:-Havells/ Bajaj/Wipro						
	Total:					99335	

*Draft Schedule of Quantity checked & Approved
For No 99,335-Long*

Executive Engineer
Electrical Division
HPPWD Palampur

[Signature]

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of Burnt out Sub Main , Power , Circuit wiring and accessories of Ground Floor Rooms 101 to 103, Service / staff room, 115 to 117 LHS Area of PG Girls Hostel at Dr. RPGMC Kangra at Tanda.

4

ESTIMATED COST:-98,561-/-only.
EARNEST MONEY: Rs.2000-/-only
TIME ALLOWED:- One Month

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		RATES				
1	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required					
1.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	60	198.00	Rs. One hundred ninety eight only	Per Meter	11880
1.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	70	311.00	Rs. Three hundred eleven only	Per Meter	21770
1.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	45	524.00	Rs. Five hundred twenty four only		23580
1.4	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	4	774.00	Rs. Seven hundred seventy four only	Per Meter	3096
1.5	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	5	1045.00	Rs. One thousand forty five only	Per Meter	5225
Make:- finolex/Anchor/Plaza						
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVCconduit as required.					
2.1	S/D 3x1.5 sq. mm	60	100.00	Rs. One hundred only	Per Meter	6000

2.2	S/D 3x4 sq. mm	20	220.00	Rs. Two hundred twenty only	Per Meter	4400
2.3	S/D 6x4 sq. mm	20	428.00	Rs. Four hundred twenty eight only	Per Meter	8560
	Make:- finolex/Anchor/Plaza					
3	Supplying and fixing of following sizes of heavy class FRLS PVC conduit having wall thickness 2.0mm along with accessories insurface/recess including painting in case of surface conduit, or cutting the walland making good the same in case of recessed conduit as required.					
3.1	25 mm	20	87.00	Rs. Eighty seven only	Per Meter	1740
	Make:- BEC/Diplast					
4	Supplying and fixing following size/modules, G.I box alongwith modular base & cover for modular switches in recess etc.as required					
4.1	6 Module	1	425.00	Rs. Four hundred twenty five only	Each	425
4.2	8 Module	1	462.00	Rs. Four hundred sixty two only	Each	462
	Makes:- Anchor/L&T/Schneider.					
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
5.1	5/6 Amps Switch	5	93.00	Rs. Ninety three only	Each	465
5.2	5/6 Amps Socket	5	136.00	Rs. One hundred thirty six only	Each	680
5.3	15/16 Amps Switch	5	164.00	Rs. One hundred sixty four only	Each	820

5.4	15/16 Amps Socket		5	231.00	Rs. Two hundred thirty one only	Each	1155
	Makes:- Anchor/L&T/Schneider.						
	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:-						
6							
6.1	Single pole. Cat-A.		11	239.00	Rs. Two hundred thirty nine nine only	Each	2629
	Makes:- L&T/Legrand/Schneider.						
	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
7							
7.1	63 Amps		2	530.00	Rs. Five hundred thirty only	Each	1060
	Makes:- L&T/Legrand/Schneider.						
	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
8							
8.1	63 Amps		2	976.00	Rs. Nine hundred seventy six only	Each	1952
	Makes:- L&T/Legrand/Schneider.						

9	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.						
9.1	Fan Regulator	2	422.00	Rs. Four hundred twenty two only	Each	844	
	Makes: Anchor/Bajaj/Havells						
10	Providing and fixing of LED batten having minimum efficacy of 100 lm/W, P.F.>0.95 with THD<10%, CCT 6500 K, CRI 80, Surge Protection range 2 kV. The LED with useful life of 50000 Hrs. at L70 with five years warranty. The Input voltage shall be 150V to 270V, 50/60 HZ along with all accessories, including connections, testing etc. as required complete in all respects.						
10.1	LED Batten 20 Watt	3	606.00	Rs. Six hundred six only	Each	1818	
	Makes:-Havells/ Bajaj/Wipro						
	Dismantel Credit of Useful Material (-)1500						
	Total:						98561

Dr. Schedule of Quantity checked & Approved for Rs 98561/- only

[Signature]
 Executive Engineer
 Electrical Division
 HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Providing and fixing Yard Lighting for Staff Qtrs at 30 bedded hospital Chadhar in Tehsil Bajinath Distt. Kangra HP (Sh:- Pdg. Earthing for Krushna lab etc there in).		5	ESTIMATED COST:-99,715/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED:- One Month			
SR. NO.	DESCRIPTION	job No	RATES	WORDS	UNIT	AMOUNT
		1	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 required and P.F.>0.95 with THD<10% , CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 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. complete in all respects .			
	LED 40 watt- Ruby Small Twinkle make	4	13965	Rs. Thirteen thousand nine hundred sixty five only	Each	55860
2	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)	65	297	Rs. Two hundred ninety seven only	P/Mtrs.	19305
	Havells, Polycab, Finolex, Plaza.					
3	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.	4	239	Rs. Two hundred thirty nine only	Each	956
	L&T/Legrand/Schneider make					
4	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	426	Rs. Four hundred twenty six only	Each	426
	L&T/Legrand/Schneider make					
5	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	1425	Rs. One thousand four hundred twenty five only	Each	1425
	L&T/Legrand/Schneider make					

6	Earthing with copper earth plate 600 mm X 600 mm X 3 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	18243	Rs. Eighteen thousand two hundred forty three only	P/Set	18243
7	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	20	175	Rs. One hundred seventy five only	P/Mtrs.	3500
Total:-						99715

Drath Schedule of Quantity checked & Approved
Per No. 99715-1000

Executive Engineer
 Electrical Division
 HPPWD Palampur



DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :-Providing,Installation, Testing and Commissioning of Main Electrical Panel,SOP Cable in the building of Kala Manch(Saheed Bhuvnesh Dogra Stadium Ward No.-7 MC Dehra) in Tehsil Dehra Distt. Kangra(H.P.)		6		ESTIMATED COST:68,481/-only. EARNEST MONEY : Rs.1400/-only TIME ALLOWED:- One Month	
SR. NO.	DESCRIPTION	job No		UNIT	AMOUNT
		RATES	WORDS		
1	<p>Supplying, Installation, Testing and Commissioning of indoor s/door, Wall mounted fixed type, free standing single front dust proof & compartmentalized distribution board made out of M.S. CRC sheet 16G duly painted with Siemens Grey powder coated paint as per specification Approx size</p> <p>(H)700mmX(W)500mmX(D)200mm & Assembly Charges of 100A 4 Strip Copper Busbar (Vertical/Horizontal) & Earth strip throughout the length of Panel (current density of Copper Busbar shall be 1mmx1mm=1.66 Amp.) Copper shall be Electric Grade E-91E. Busbar supports shall be DMC epoxy Insulators. All Busbars Links shall be covered/ insulated with Heat Shrinkable sleeves of coloured coded Red, Yellow, Blue & Black & Assembly Charges of Copper solid/ Copper flexible wire interconnection Busbar to MCCB & MCCB/MCB to field side for Cable termination duly covered/ insulated with Heat Shrinkable sleeves of coloured coded Red, Yellow, Blue & Black. All Interconnections of fields side are supported by conical, L & Finger type insulators of adequate size to support & sustain the weight of cables & Control Wiring with Copper Flexible Wire (size of control wire shall be 2.5 sq. mm copper flexible for C.T. Circuit & 1.0 sq. mm for Control Wiring) with thimbles printed sleeves, tie & belt etc. Assembly Charges of Accessories like Gasket, Doorlocks, Copper Flexible door earth, legend plates etc and the panel should be approved/tested from the CPRI lab and should be Comfirm I.S.64139(EVA)Power system & control or approved make).</p>				
MATERIAL:					

	MAIN INCOMER: MCCB-100A 4P 25 KA TMR with O/L & S/C Protection-1 No., Spreader Link 100 A 4P-2Nos., Selector Switch-1No., Phase indicating Lamp-3 Nos, Control SP MCB -3Nos, Terminal switch -1No.						
	All interconnections of fields side are supported by conical, L & finger type insulators of adequate size to support & sustain the weight of cables, Control wiring with copper flexible FRLS wire with thimbles, printed sleeves, tie & belt etc;						
	The prices of complete job as per the specifications above shall be inclusive of gasket, doorlocks, reading glass, wooden, copper flexible door earth, legend plates etc,	1	38125	Rs. Thirty eight thousand one hundred twenty five only	Each	38125	
2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	2	6280	Rs. Six thousand two hundred eighty only	P/Set	12560	
3	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	40	47	Rs. Forty seven only	P/Mtr	1880	
4	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes on wall surface as required.						
i	Armoured cable 25 sq. mm (3.5 core)	20	426	Rs. four hundred twenty six only	P/Mtr	8520	
	Makes:-Polycab,Plaza,Finolux,Havells						
5	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
i	63 Amps. Cat-A.	3	530	Rs. Five hundred thirty only	Each	1590	

	Makes:- Legrand,Schiender,L&T.						
6	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.(But without MCB/RCCB/isolator).						
	Makes:- Legrand,Schiender,L&T.						
i	Double door-4 way	2	1425	Rs. One thousand four hundred twenty five only	Each	2850	
7	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:-						
i	Single pole. Cat-A.	4	239	Rs. Two hundred thirty nine only	Each	956	
	Total:-					66481	

*Draft Schedule of Quantity checked & Approved
for Rs 661481 only*

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Construction of Lecture theater complex under EWS scheme Dr. RPGMC at Tanda , Distt. Kangra (H.P.).(Sh:-Providing steel conduit in block A therein).

Ⓟ

ESTIMATED COST:99,504/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:-Three Months

SR. NO.	DESCRIPTION	job No			AMOUNT
		RATES	WORDS	UNIT	
1	Supplying and fixing of following sizes of steel conduit along accessories in surface /recess including painting in case of surface conduit, or cutting , or cutting the wall and making good the same in case of recessedconduit as required.				
	25mm. Dia.Makes:--BEC/AKG/JPC.	390	202.00	Rs. Two hundred & two only	mtr. 78780
2	Supplying and fixing of following sizes of PVC conduit along accessories in surface /recess including cutting in case of surface conduit, or cutting , or cutting the wall and making good the same in case of recessedconduit as required.				
	25mm dia	190	99.00	Rs. Ninety nine only	mtr. 18810
3	Providing and laying of MS fan box of size 140 mm. in the 140 mm in the RCC slabcomplete with all accessories as required.	22	87.00	Rs. Eighty seven only	each 1914
Total:					99504

Draft Schedule of Quantity checked & approved for Rs 99504/-only


 Executive Engineer
 Electrical Division
 HP PWD Palampur

Bgm

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- R/M of BMO office at Civil Hospital Dehra, Tehsil Dehra, Distt. Kangra(H.P.)(SH:-Providing computer boards, Heating Sockets and replacement of old tube lights with LED Fixtures therein).

8

ESTIMATED COST: 99,620/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:- Three Months

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		RATES				
1	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required					
i	2X1.5Sq.mm+1X1.5Sq.mm Earth wire	30	198	Rs one hundred ninety eight only	P/Mtr	5940
ii	2X2.5Sq.mm+1X2.5Sq.mm Earth wire	10	249	Rs. Two hundred forty nine only	P/Mtr	2490
iii	2X4Sq.mm+1X4Sq.mm Earth wire	30	311	Rs. Three hundred eleven only	P/Mtr	9330
	Makes: Plaza/finolex/SCI					
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVCconduit as required.					
i	3 X 1.5 sq. mm	10	100	Rs. One hundred only	P/Mtr	1000
ii	3 X 2.5 sq. mm	10	151	Rs. One hundred fifty one only	P/Mtr	1510
iii	3 X 4 sq. mm	10	220	Rs. Two hundred fifty one only	P/Mtr	2200

3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required						
i	5/6 amp Modular switch	3	93	Rs. Ninety three only	Each	279	
ii	3 pin 5/6 amp socket outlet	3	136	Rs. One hundred thirty six only	Each	408	
	Makes:- Legrand(Myrius),L&T(Oris),Anchor Roma(Plus),L&T(Entice).						
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3Nos 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.(For light plugs to be used in NR Buildings).						
i	12 Module (200mmX150mm)						
	Makes:- Legrand(Myrius),L&T(Oris),Anchor Roma(Plus),L&T(Entice).	3	1191	Rs. One thousand one hundred ninety one only	Each	3573	
5	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.						
i	Makes: Legrand(Myrius),Schneider(Livia),Anchor Roma(Plus),L&T(Entice)	10	469	Rs. Four hundred sixty nine only	Each	4690	

6	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 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.							
	Makes: Legrand(Myrius),Schieder(Livia),Anchor Roma(Plus),L&T(Entice)	10	621	Rs. Six hundred twenty one only	Each	6210		
7	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:							
i	Exhaust Fan, Light duty, (Domestic),250 mm sweep (plastic body with louvers)	1	2267	Rs. Two thousand two hundred sixty seven only	Each	2267		
	Make:Usha(AEROCLEAN PLUS DBB),Bajaj,Anchor.							
8	Providing, Installation, testing and commissioning of BLDc ceiling fan with fan 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:							
i	Ceiling Fan 1200 mm sweep, Category-A	5	3470	Rs. Three thousand four hundred seventy only	Each	17350		
	Make:- Usha(BLDC),Bajaj.							

9	<p>Supplying and fixing of LED Batten along with 20Watt LED Tube Light ,6500K ,(Five YEAR WARRANTY) and it should be compatible with specification e.i. Power Factor > .9, Harmonic Distortion <10% and efficacy >100 Lumens per watt, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc.Makes: Havells , Bajaj ,wipro or as approved by Engineer-in-Charge</p>					
i	<p>LED Tube Light 4Feet Long</p> <p>Makes: Havells,Bajaj,wipro,Panasonic</p>	15	867	Rs. Eight hundred sixty seven only	Each	13005
10	<p>Providing and Fixing of IP20 LED fixture of 18 watt +/- 1 W LED Surface Mounted Downlighter Round/square Shape with minimum system lumen efficacy of 100 lm/W with Polycarbonate housing,presure die cast heat sink and P.F.>0.95 with THD<10% , CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 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.</p>					
i	<p>LED Surface mounting round/square downlighter 18 watt</p> <p>Makes: Havells,Bajaj,wipro,Panasonic</p>	7	1585	Rs. One thousand five hundred eighty five only	Each	11095

11	<p>Providing and fixing LED Batten Light of IP40 Led fixture 40 W +/- 1W with Surface Mounted 4 Feet with Polycarbonate diffuser with Extruded aluminium housing having minimum system lumen output 1000 lumens and system lumen efficacy of 100 lm/W with P.F.>0.95 with THD<20% , CRI 80 . The LED with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 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.</p>						
i	<p>LED Batten Light of IP40 40W</p>	1	2417	Rs. Two thousand four hundred seventeen only	Each	2417	
	<p>Makes: Havells,Bajaj,wipro,Panasonic,Clair</p>						
12	<p>Providing and Fixing of 1200 mm X 300 mm LED fixture 36 W +/- 1W Surface mounted fixture with HET Plastic diffuser with CRCA Powder Coated housing having minimum system lumen efficacy 100lm/W with P.F.>0.95 with THD<10%. 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.</p>						
i	<p>LED Panel 4'x1' 36 watt</p>	4	3964	Rs. Three thousand nine hundred sixty four only	Each	15856	

Makes: Havells, Bajaj, wipro, Panasonic						
Total:-						99620

Pratt Schedule of Quantity checked & Approved for
 No. 99620-Janury

Executive Engineer
 Electrical Division
 HPPWD Palampur
[Signature]

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Repair and Maintenance of E.I. to various Govt. Non-Residential Buildings at ESD Dharamshala Distt. Kangra. (SH:-Providing inverter to CM Office in circuit house at dharamshala District Kangra H.P)

9

ESTIMATED COST: 93,647/-only.
EARNEST MONEY: Rs.1900/-only
TIME ALLOWED:- One Month

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		RATES				
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/Plaza/Anchor.					
1.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	11	282	Rs. Two hundred eighty two only	Per metre	3102
1.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	25	395	Rs. Three hundred ninety five only	Per metre	9875
2.00	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.					
2.01	Single pole 6 Amp (Make:- Anchor/ Schneider/ Legrand/L&T)	2	239	Rs. Two hundred thirty nine only	Each	478
2.02	Single pole 16/32 Amp (Make:- Anchor/ Schneider/ Legrand/L&T)	1	239	Rs. Two hundred thirty nine only	Each	239
3.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					

3.01	40 Amps. (Make:- Anchor/ Schneider/ Legrand/L&T)	1	426	Rs. Four hundred twenty six only	Each	426
3.02	63 Amps. (Make:- Anchor/ Schneider/ Legrand/L&T)	1	530	Rs. Five hundred thirty only	Each	530
4.00	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.	1	469	Rs. Four hundred sixty nine only	Each	469
5.00	Supplying and fixing suitable size GI box with modular plate and cover in FRLS on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	2	621	Rs. Six hundred twenty one only	Each	1242
6.00	Supplying, erection, testing & commissioning of Pure sine wave Inverter and Online UPS of Following capacity suitable for back-up of power supply as required complete in all respects and to the best satisfaction of Engineer-in-Charge. Makes:- Microtek/Delta power/V-guard					
6.01	2500+ jumbo inverter 24 volt	1	19126	Rs, nineteen thousand one hundred twenty six only	Each	19126
7.00	Supplying, erection, testing & commissioning of batteries having following capacity sealed maintenance free-lead acid battery 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.					

7.01	Battery 12 Volt 200 Ah Makes:- Exide /Amron/ Quanta.	2	23120	Rs. Twenty three thousand one hundred twenty only	Each	46240
8.00	Providing and fixing LED Floodlight of following rating with presure die-cast aluminium housing with high power LEDs, diffusser to avoid glare, pre-wired with starter, IP 66, trigger circuit, surge protection circuit lumen , complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects.					
8.01	flood light 100 watt	1	8420	Rs. Eight thousand four hundred twenty only	Each	8420
9.01	Providing and fixing Inverter Rack for Batteries and Inverter	1	3500	Rs. Three thousand five hundred only	Each	3500
	Total:-					93647

*Drath Schedule of Quantity checked & Approved
As per 93647-1000*

Mt.
Executive Engineer
Electrical Division
HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Repair and Maintenance of E.I. to various Flood light and other accessories in circuit house at Dhrameshala District Kangra H.P

(16)

ESTIMATED COST: 79,845/-only.
EARNEST MONEY: Rs.1600/-only
TIME ALLOWED:- One Month

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		RATES				
1.00	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required.					
1.01	S.P. 5/ 6 Amps one way Modular switch.	5	115	Rs. One hundred fifty only	Each	575
1.02	S.P. 5/ 6 Amps Two way Modular switch.	2	195	Rs. One hundred ninety five only	Each	390
1.03	S.P. 5/ 6 Amps Modular socket.	2	159	Rs. One hundred fifty nine only	Each	318
1.04	S.P. 15/16 Amps Modular switch.	1	214	Rs. Two hundred fourteen only	Each	214
1.05	S.P. 15/ 16 Amps Modular socket.	1	306	Rs. Three hundred six only	Each	306
2.00	Supplying & fixing following size modular base and cover plate on the existing modular metal boxes as required:-					
2.01	Modular base and cover plate, 8 module	1	225	Rs. Two hundred twenty five only	Each	225
3.00	Supplying and fixing stepped type Modular fan regulator on the existing modular box including making connections etc. as required.	4	729	Rs. Seven hundred twenty nine only	Each	2916

4.00	Supply and fixing PVC street light box SINTEX make of size 175mm X 225mm X 100mm complete with fixing in the existing wall including making good the damage etc. as required complete in all respects.	1	988.00	Rs. Nine hundred eighty eight only	Each	988
5.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
5.01	40 Amps. (Make:- Anchor/ Schneider/ Legrand/L&T)	2	426	Rs. Four hundred twenty six only	Each	852
5.02	63 Amps. (Make:- Anchor/ Schneider/ Legrand/L&T)	2	530	Rs. Five hundred thirty only	Each	1060
6.00	Providing and fixing LED Mirror Light of IP20 Led fixture 10 W+/- 1W with Surface Mounted 2 Feet with Polycarbonate diffuser with Extruded aluminium housing having minimum system lumen output 1000 lumens and system lumen efficacy of >110 lm/W with P.F.>0.95 with THD<20%, CRI 80 . The LED with Useful life of 50000 Hrs at L70 with five years warranty. The LEDs used in the luminaire shall have CCT of ANSI Bin 6500 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.					
7.00	LED Mirror Light 8 watt Makes:- Philips /Mipro/Goldmedal	5	679	Rs. Six hundred seventy nine only	Each	3395
8.00	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.					

10.00	Exhaust Fan, Light Duty, (Domestic) 300 mm sweep (Make: Usha, Model: Aeroclean LD)/Bajaj (Model: Freshlee)/Anchor (Model: Anmol)/Crompton (Model: Drift air Plus).	2	2567	Rs. Two thousand five hundred sixty seven only	Each	5134
11.00	Providing and fixing PCB for Havells Gyser 25 ltr	2	2200	Rs. Two thousand two hundred only	Each	4400
12.00	Supplying and fixing LED Bulb of 9 watt with polycarbonate diffuser on the existing light point as required complete in all respect.	1	132	Rs. One hundred thirty two only	Each	132
13.00	Providing and fixing LED Floodlight of following rating with presure die-cast aluminium housing with high power LEDs, diffuser to avoid glare, pre-wired with starter, JP 66, trigger circuit, surge protection circuit lumen, complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects.					
13.01	flood light 100 watt	7	8420	Rs. Eight thousand four hundred twenty only	Each	58940
	Total:-					79845

Prath Schedule of Quantity Check & Approval
As No 79845-1014

[Signature]
 Executive Engineer
 Electrical Division
 HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Repair and Maintenance of E.I. to various Govt. Non-Residential Buildings at ESD Dharamshala Distt. Kangra. (SH:-Providing and fixing old and damaged RCCB's, DP Isolator, MCB's replacement of LED Down lighters and wires,cable and campus light in Circuit House During the visit of Honourable President of india)

(11)

ESTIMATED COST:84,857/-only.
EARNEST MONEY: Rs.1700/-only
TIME ALLOWED:- Six Months

SR. NO.	DESCRIPTION	job No		UNIT	AMOUNT
		RATES	WORDS		
1.00	Providing and fixing LED Mirror Light of IP20 Led fixture 10 W+/- 1W with Surface Mounted 2 Feet with Polycarbonate diffuser with Extruded aluminium housing having minimum system lumen output 1000 lumens and system lumen efficacy of >110 lm/W with P.F.>0.95 with THD<20% ,CRI 80 . The LED with Useful life of 50000 Hrs at L70 with five years warranty. The LEDs used in the luminaire shall have CCT of ANSI Bin 6500 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.				
1.01	LED Mirror Light 8 watt Makes:- Philips /Mipro/Goldmedal	4	682	Each	2728
2.00	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.				
2.01	Exhaust Fan, Heavy duty, (Domestic) 300 mm sweep (Make: Usha, Model: Aeroclean LD)/Bajaj (Model: Freshnee)/Anchor (Model: Anmol)/Crompton(Model: Drift air Plus) .	3	5436	Each	16308
				Rs. Five thousand four hundred thirty six only	

3.00	Providing and fixing LED tube fixture 1x18 watt 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. Makes: Havells/ Bajaj/ Philips/Wipro.	4	867	Rs. Eight hundred sixty seven only	Each	3468
4.00	Providing and fixing surface/recess mounting Square/Round LED downlighter suitable for surface application with the use of the latest technology 15 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. Makes : Panasonic/ Philips/ Bajaj/Wipro.	5	1412	Rs. One thousand four hundred twelve only	Each	7060
5.00	Supplying and fixing of LED Post Top fixture, 35 watt, Pure polyester UV resistant powder coated die cast aluminium housing with PMMA clear diffuser for uniform illumination complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects.					
5.01	35 watt LED Post Top fixture.	7	7899	Rs. Seven thousand eight hundred ninety nine only	Each	55293
Total:-						84857

Detail Schedule of Quantity checked & Approved for
Dr. Srinivasulu Reddy

Executive Engineer
 Electrical Division
 HP PWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- R/M of EI in various Rest Houses under Electrical Sub-Division HPPWD Palampur (Sh:- Providing and laying Armoured cable and accessories therein)

(2)

ESTIMATED COST: 98,931/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:- One Month

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		RATES				
1	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.					
	Armoured cable 6 sq. mm (Twin Core) Havells, Plaza , K&F <i>Pindax</i>	110	297.00	Rs. Two hundred ninety seven only	Per Mtr	32670
	Armoured cable 10 sq. mm (Twin Core) Havells, Plaza , K&F <i>Anolax</i>	80	344.00	Rs. Three hundred forty four only	Per Mtr	27520
2	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:					
	Exhaust Fan, Light duty, (Domestic)	3	2567.00	Rs. Two thousand five hundred sixty seven only	Each	7701
	Make:- Usha/Crompton/Havells					
3	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.	10	3104.00	Rs. Three thousand one hundred four only	Each	31040

RCCB 63 Amp								
Make:- Usha/Crompton/Havells								
Total:								98931

*Bill Schedule of Quantity Check & Approval
A-18-98931*

Executive Engineer
Electrical Division
HPPWD Palampur
[Signature]

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- RM of EI and safety Devices in various Govt Residential / Non Residential Buildings under Electrical Sub-Division HPPWD Palampur .

ESTIMATED COST: 99,120/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:- One Month

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		RATES				
1	Providing and fixing LED Batten Light of IP40 Led fixture 40 W +/- 1W with Surface Mounted 4 Feet with Polycarbonate diffuser with Extruded aluminium housing having minimum system lumen output 1000 lumens and system lumen efficacy of 100 lm/W with P.F.>0.95 with THD<20% ,CRI 80 .The LED with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 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.	10	2417	Rs. Two thousand four hundred seventeen only	Each	24170
Makes :- Panasonic /Philips/ Wipro)						
2	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 complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects.	10	1821	Rs. One thousand eight hundred twenty one only	Each	18210
Makes :- Panasonic (Cat No :- PDLM36188/Philips/ Wipro)						

3	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.	15	239	Rs. Two hundred twenty nine only	Each	3585	
	16 Amp Single pole. Cat-A.	25	239	Rs. Two hundred thirty nine only	Each	5975	
	L&T/Legrand/Schneider make						
4	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.	5	426	Rs. Four hundred twenty six only	Each	2130	
	40 Amps. Cat-A.						
	63 Amps. Cat-A.	5	530	Rs. Five hundred thirty only	Each	2650	
	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 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.	5	2272		Each		
	40 Amps. Cat-A.			Rs. Two thousand two hundred seventy two only	Each	11360	

63 Amps. Cat-A.	10	3104	Rs. Three thousand one hundred four only	Each	31040
L&T/Legrand/Schneider make					
Total:-					99120

*Bill Schedule of Quantity checked & approved by
18-9-2019*

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of Burnt out Sub Main, Power, Circuit wiring and accessories of Anatomy Block at Dr. R.P.G.M.C Kangra at Tanda. therein)

ESTIMATED COST: 98,480/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:- One Month

(14)

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		RATES				
1	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required					
1.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	40	198.00	Rs. One hundred ninety eight only	Per Meter	7920
1.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	60	311.00	Rs. Three hundred eleven only	Per Meter	18660
1.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	45	524.00	Rs. Five hundred twenty four only		23580
1.4	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	15	774.00	Rs. Seven hundred seventy four only	Per Meter	11610
1.5	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	15	1045.00	Rs. One thousand & forty one only	Per Meter	15675
	Make:- finolex/Anchor/Plaza					
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVCconduit as required.					
2.1	S/D 3x1.5 sq. mm	40	100.00	Rs. One hundred only	Per Meter	4000
	Make:- finolex/Anchor/Plaza					

3	Supplying and fixing of following sizes of heavy class FRLS PVC conduit having wall thickness 2.0mm along with accessories insurface/recess including painting in case of surface conduit, or cutting the walland making good the same in case of recessed conduit as required.						
3.1	25 mm	20	87.00	Rs. Eighty seven only	Per Meter	1740	
	Make:- BEC/Diplast						
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.						
4.1	5/6 Amps Switch	5	93.00	Rs. Ninety three only	Each	465	
4.2	5/6 Amps Socket	5	136.00	Es. One hundred thirty six only	Each	680	
4.3	15/16 Amps Switch	5	164.00	Rs. One hundred sixxty four only	Each	820	
4.4	15/16 Amps Socket	5	231.00	Rs. Two hundred thirty one only	Each	1155	
	Makes:- Anchor/L&T/Schneider.						
5	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:-						
5.1	Single pole. Cat-A.	15	239.00	Rs. Two hundred thirty nine only	Each	3585	
	Makes:- L&T/Legrand/Schneider.						
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.						

6.1	63 Amps	7	530.00	Rs. Five hundred thirty only	Each	3710
	Makes:- L&T/Legrand/Schneider.					
	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
7.1	63 Amps	5	976.00	Rs. Nine hundred seventy six only	Each	4880
	Makes:- L&T/Legrand/Schneider.					
	Dismantel Credit of Useful Material Rs. (-)1500/-					
	Total:-					98480

Drift Schedule of Quantity Checked & approved for Rs 98480/-


 Executive Engineer
 Electrical Division
 HPPWD Palampur


DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of damaged/burnt out Automatic Mains Failure (AMF) Controller and battery charger of 500 KVA DG Set No.- I installed at the Basement of 500 Bedded Hospital Dr. RPGMC Tanda.		(19)		ESTIMATED COST: 97,511/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED:- one month		
SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
			RATES			
1	Supplying installation testing & commissioning of Automatic Mains Failure (AMF) Controller of DG set as required complete in all respects.	1	50901.00	Rs. Fifty thousand nine hundred one only	Each	50901
2	Supplying installation testing & commissioning of Battery Charger to charge batteries of DG set as required complete in all respects.	1	23010.00	Rs. Twenty three thousand & ten only	Each	23010
3	Rifilling of Engine Radiator coolant of 500 KVA DG set as required complete in all respects.	50	472.00	Rs. Four hundred seventy two only	P/Liters	23600
Total:-		Less Credit of Dismantel Material (-)1500				97511

Draft Schedule of quantity checked & approved for Mr. 97-1511-1004

Executive Engineer
 Electrical Division
 HPPWD Palampur

[Signature]

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Construction of Forest Rest House
 Bharoli in Tehsil Jawalamukhi Distt. Kangra (HP)(SH: C/O
 Building portion, WS & SI) (SH: Supplying and laying Steel
 conduit in FF therein).

16


ESTIMATED COST:-17,122/-only.
EARNEST MONEY: Rs.400/-only
TIME ALLOWED:-One Months

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
			RATES			
1	Supplying and fixing of following sizes of steel conduit along with 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.					
i	25 mm Dia	70	202	Rs. Two hundred & two only	P/Mtr	14140
2	Supplying and fixing of MS fan box fabricated out of 16 SWG MS sheet and MS round of 12 mm dia. as required complete in all respects.	3	125	Rs. One hundred twenty five only	Each	375
3	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.(But without MCB/RCCB/isolator).					
	Makes:- Legrand,Schiender,L&T.					
i	Double door-16 way	1	2607	Rs. Two thousand six hundred & seven only	Each	2607
	Total:-					17122

Draft Schedule of Quantity checked & Approved
 For No. 17/122-19


 Executive Engineer
 Electrical Division
 HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Providing and fixing of portable fire extinguishers and Refilling of existing Portable Fire Extinguishers installed in PG Hostel for girl at Dr. R.P.G.M.C Tanda in Distt. Kangra (HP).				ESTIMATED COST: 99,558/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED:- One Month		
SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
			RATES			
1	Refilling of Portable Fire extinguishers, CO2 type 4.5 kg. Capacity complete in all respect.	6	1450	Rs. One thousand four hundred fifty only	Each	8700
2	Refilling of Portable Fire extinguishers Water type (S/P) Capacity 9 litrs. complete in all respect.	6	800	Rs. Eight hundred only	Each	4800
3	Refilling of Portable Fire extinguishers ABC type (filled with 50 Map Powder) 6 kg. capacity complete in all respect.	6	1590	Rs. One thousand five hundred ninety only	Each	9540
4	Providing and fixing Carbon dioxide CO2 4.5 kg type fire extinguishers ISI mark. CE and EN Certified, consisting of seamless cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube, 30cms long high pressure discharge hoase, discharge nozzle, suspension bracket, confirming to IS: 15683 finished externally with red enamel paint and M S Wheel type complete with internal charge as required complete in all respects.	3	12476.00	Rs. Twelve thousand four hundred seventy six only	Each	37428
Make: Minimax//Padmini/Aska/OMEX						

5	Providing and fixing stored pressure vessel ABC 6 Kgs. Powder type fire extinguishers ISI mark. CE and EN Certified, consisting of seamless cylindrical body, squeeze lever discharge valve fitted with pressure indicating guage internal discharge tube, 30cms long high pressure discharge hoase, discharge nozzle, suspension bracket, confirming to IS: 15683 finished externally with red enamel paint and fixed to wall with brackets complete with internal charge.	2	6835	Rs. Six thousand eight hundred thirty five only	Each	13670
	Make: Minimax//Padmini/Aska/OMEX					
6	Providing & fixing of IS marked 15683 Water type 9 Litre (S/P) cylindrical body, squeeze lever discharge valve fitted with pressure discharge hose, discharge nozzle, etc. finished externally with red enamel paint and fixed to wall with brackets complete with internal charges.	4	6355	Rs. Six thousand three hundred fifty five only	Each	25420
	Make: Minimax//Padmini/Aska/OMEX					
	Total:					99558

Preced Schedule of Quantity checked & approved for No 99558 for

[Signature]
 Executive Engineer
 Electrical Division
 HPPWD Palampur