

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.:PW/EDP/CB/TA/CONT/2022-23/ 865-73

Dated: 05/5/2022

To

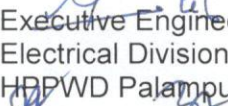
The Executive Engineer (IT Cell),
Nigam Vihar, Shimla-2.

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 item rate tenders on form 6&8 are hereby invited by the Executive Engineer, Electrical Division, HP PWD Palampur on behalf of the Governor of H.P. for the following work from the approved and eligible contractors enlisted in HP.PWD, (Elect.) whose registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act. 1968 so as to reach in his office on or before **19-05-2022** 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 **18-05-2022** up to 4.00 P.M. and the application for issue of tender form shall be received on **17-05-2022** up to 12.00 noon.

The earnest money in the shape of FDR/saving account of the Post office/Bank in H.P. duly pledged in favour of the XEN must accompany with each tender. Conditional/ incomplete tenders & tender without earnest money will be summarily rejected. The XEN reserves the right to accept or reject any or all tenders or drop the proposal of tenders without assigning any reasons.

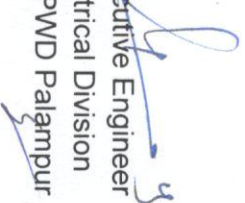
Conditions:

- 1.The contractor should have the EPF No. from the competent authority, failing which no tender form will be issued.
- 2.The contractor should be registered as a dealer under GST and should produce GST registration certificate.
- 3.The contractor should produce a copy of latest enlistment/renewal.
- 4.The bidders enlisted in a particular class shall be eligible to tender for his own class or one step below.

Sr. No	Name of Work	Estimated Cost	Earnest Money	Time Limit	Form No.	Cost of Form
1	Repair and maintenance of Portable Fire Extinguishers installed in various Hostels & Central Library in Dr.RPGMC Kangra at Tanda. (SH: Refilling of portable Fire – Extinguishers of Different capacity and type in Main Girls Hostels , Main Boys Hostel, Vir Savarkar Interns Hostels, Swami Vivekanand Resident Hostel , Ravi Nursing Hostel , Satluj Hostel and Central Building therein.)	129825/-	2600/-	One Month	8	350/-
2	Refilling of Portable Fire Extinguishers to Paraclinic Block Phase -2 Dr.RPGMC Kangra at Tanda.	173638/-	3500/-	One Month	8	350/-
3	Providing 01 No. air conditioning unit in the office of The Chief Engineer (KZ) Dharamshala Distt Kangra (H.P.).	65327/-	1400/-	Three Months	8	350/-
4	C/O HPPWD Rest House Building at Suliali Distt. Kangra HP.(SH: Providing AC1.5 TR(HOT & COLD)in Set No.1,2,3, Dining Hall and Drawing room therein)	482950/-	9700/-	Three Months	8	350/-
5	Modification of hall into meeting Hall in Block-A of HP Board of School Education Dharamshala in Distt. Kangra (HP) (SH: Providing E.I. therein).	156341/-	3200/-	Six Months	8	350/-
6	C/O new room in the campus of Govt. Arya Degree College at Nurpur in Tehsil Nurpur Distt. Kangra (HP) (SH: Providing E.I. therein).	87911/-	1800/-	Six Months	8	350/-
7	Annual Repair and maintenance of AC 1.5 TR capacity various type and various make in various Govt. Offices in Combined Office Building under Electrical Sub Division HP PWD Nurpur for the year 2022-23.	98500/-	2000/-	One year	8	350/-
8	Annual Repair and maintenance of AC 1.5 TR capacity various type and various make in various Govt. Building under Electrical Sub Division HP PWD Nurpur for the year 2022-23.	83500/-	1700/-	One year	8	350/-

SCHEDULE OF QUANTITY

NAME OF WORK :- Repair and maintenance of Portable Fire Extinguishers installed in various Hostels & Central Liabriary in Dr.RPGMC Kangra at Tanda. (SH: Refilling of portable Fire – Extinguishers of Different capacity and type in Main Girls Hostels , Main Boys Hostel, Vir Savarkar Interns Hostels,Swami Vivekanand Resident Hostel , Ravi Nursing Hostel , Satluj Hostel and Central Building therein.)		Job No. 1		ESTIMATED COST: Rs. 1,29,825/-only. EARNEST MONEY: Rs. 2600/-only TIME ALLOWED: One Month		
Sr. No.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURE S	WORDS		
1	Refilling of Portale fire extinguishers, (Carbon dixoxide) CO2 4.5 kg. Capacity initial fill with Co2 gas as required complete in all respect and to the best satisfaction of Engineer-in-charge.	57			Each	
2	Refilling of Portable extinguishers water CO2 Gas Cartridge type capacity 9 liters. complete in all respect and to the best satisfaction of Engineer-in-charge.	62			Each	
3	Providing and fixing of Discharge Pipe Discharge Horn of CO2 type Fire Extinguisher 4.5 kgs Fire Extinguisher as required complete in all respect and to the best satisfaction of Engineer-in-charge.	8			Each	
Total						


 Executive Engineer
 Electrical Division
 HP PWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Refilling of Portable Fire Extinguishers to Paraclinic Block Phase-I & Phase-II Dr. RPGMC Kangra at Tanda.					
Sr. No.		DESCRIPTION		QTY.	FIGURES
				RATES	
				WORDS	UNIT
				AMOUNT	
1		Refilling of Portable Fire Extinguisher, Water CO2 gas cartridge type capacity 9 ltrs. ISI marked as required complete in all respects and to the best satisfaction of Engineer-in-charge.	26		Each
2		Refilling of ISI marked Portable Fire Extinguisher, CO2 type 4.5 kgs., initial fill with CO2 gas as required complete in all respects and to the best satisfaction of Engineer-in-charge.	42		Each
3		Refilling of ISI marked ABC (Powder Type) Portable Fire Extinguisher 9 kgs. Capacity HP mild steel cylinders fully charged with ABC powder pressured by Nitrogen gas as required complete in all respects and to the best satisfaction of Engineer-in-charge.	10		Each
4		"Minimax" Carbon Di-oxide agent Type Fire Extinguisher, ISI Marked (IS15683:2018), CE and EN Certified, Containing CO2 gas having purity 99.7% filled in Seamless Cylinder having approval from Petroleum and Explosives Safety Organisation (PESO), coated with High Glossy PU Paint, ISI marked Dual Spindle Valve with Aluminum Wheel & Collar / Squeeze Grip brass valve, Aluminium Siphon tube, High durability Vinyl label (3M make), QR Code label with printed serial number, Individually packed in 7 Ply corrugated paper box together with Wall Bracket, screws & plugs and service manual.	8		Each
		MMX CO2 2 Kg IS:15683 (Wheel Type Valve) (Fire Rating 21B)			
		Make: Minimax/Ceasefire/AAAG			
Total Rs.					

ESTIMATED COST: Rs. 1,73,638/-only.
EARNEST MONEY: Rs. 3500/-only
TIME ALLOWED: One Month

Executive Engineer
Electrical Division
HP PWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Providing 01 No. air-conditioning unit in the Office of The Chief Engineer (KZ) Dharamshala Distt Kangra (H.P.).					
		Job No. 3		ESTIMATED COST: Rs. 65,327/-only. EARNEST MONEY: Rs. 1400/-only TIME ALLOWED: Three Months	
Sr. No.	DESCRIPTION	QTY.	RATES		AMOUNT
			FIGURES	WORDS	
1	Supplying, installation, testing and commissioning of 1 Ton (Hot & Cold) split type Air-Conditioning unit of following make confirming to I.S.I.-1391 PART-1992 with ammendment No. 1 (expect power consumption norms) fitted with hermatically shielded air-compressor as required complete in all respects.				
	1 Ton split A.C. Unit	1			Each
	Makes:-Voltas (Model No. : SAC 12H DZW)/Daikin / Mitsubshi.				
2	Supplying and fixing wall mounting voltage stabilizer of following rating with output 240 volts with voltage regulation range from 140 volt to 290 volt and auto cut off beyond this range and time delay operation for the surges and fluctuations suitable for 1.5 TR capacity split type Air-Conditioner including making connections etc. as required complete in all respects.				
	Automatic Voltage Stabilizer 4 KVA	1			Each
	Makes:- IFB/Godrej /Whirlpool				
3	Providing & fixing of M.S. Outdoor heavy duty stand powder coated suitable suitable to hang 1.5/2.0 TR Split type AC with six nos. anchor bolts as required complete in all respects and as per direction of Engineer in charge.	1			Each

4	Providing & fixing of extra copper tubes for refrigerant and condensate (1/4" x 1/2") for 1.5 T.R. split type A.C. units and wiring with suitable size of HRFRLS copper conductor single core cables, including the cost of insulation etc. as required complete in all respects.	2				Per Meter	
5	Supplying and fixing of following sizes of Chlorinated polyvinyl chloride (CPVC) drain pipe IS: 15778 ISI mark, ISO 9001:2015, significantly more flexible and can withstand higher temperatures than standard PVC, along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required:-						
	25 mm dia.	3				Per Meter	
	Make: Vectus/Astral/Diplast						
	Total Rs.						


 Executive Engineer
 Electrical Division
 HP PWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- C/O HPPWD Rest House Building at Suliali Distt. Kangra HP. (SH:- Providing AC 1.5 TR (HOT & COLD) in Set no. 1, 2, 3, Dining Hall and Drawing room there in)			Job No. 4		ESTIMATED COST: Rs. 4,82,950/-only. EARNEST MONEY: Rs. 9700/-only TIME ALLOWED: Three Months	
Sr. No.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Supplying, installation, testing and commissioning of 1.5 Ton (Hot & Cold) Invertors Split type Air-Conditioning unit of following make confirming to I.S.I.-1391 PART-1992 with ammendment No. 1 (expect power consumption norms) fitted with hermatically shielded air-compressor as required complete in all respects.					
	A.C. Unit 1.5 Ton capacity					
	Makes: O General (Hot &Cold) Invertor Split type (Model No. : ASGG18KJTA-B(R32)/ Daikin/Mitsubishi	5			Each	
2	S/F wall mounting voltage stabilizer 4 KVA (Microtek make) automatic type with output 240 Volts with voltage regulator range from 130 volts to 300 volts and Auto cut off beyond this range and time delay operation for the surges and fluctuations suitable for 1.5 TR capacity Split AC making connections etc. as required.					
	Make: V- Guard, Whirlpool, Godrej	5			Each	
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.	5			Each	
4	S/F of Copper tube with insulation for A.C 1.5 TR capacity complete in all respects as required.	15			p/Mtr.	

5	S/F of PVC Drain pipe of size 1 Dia (25mm) complete with elbows tees, socket etc. of superior quality as per satisfacation of Engineer-In-Charge.	20			P/Mtr.	
	Total					

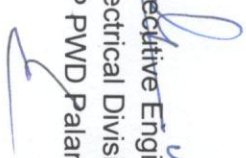

 Executive Engineer
 Electrical Division
 HP PWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Modification of hall into Meeting Hall in Block-A of HP Board of School Education Dharamshala in Distt Kangra (H.P) (SH: Providing E. I. therein.)		Job No. 5		ESTIMATED COST: Rs. 1,56,341/-only. EARNEST MONEY: Rs. 3200/-only TIME ALLOWED: Six Months		
Sr. No.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURE S	WORDS		
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. FRLS PVC insulated copper conductor cable single core in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. FRLS PVC insulated copper conductor single core cable as required. Make: KEI/SCI/Havells/Plaza					
1.01	Group C.	15			Per Point	
2.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HFR/L/PVC insulated single core copper conductor cable of same size for earthing as required. Make: KEI/SCI/Havells/Plaza					
2.01	2x1.5 Sq. mm.	20			Per metre	
2.02	2x4.0 Sq. mm.	45			Per metre	
2.03	2x6 Sq. mm.	30			Per metre	
2.04	2x 16 Sq. mm.	10			Per metre	
3.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make: KEI/SCI/Havells/Plaza					
3.01	3x1.5 Sq. mm.	10			Per metre	

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. Make: L&T/Legrand/Hager	4			Each	
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. Make: L&T/Legrand/Hager	4			Each	
6.00	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 25 amps modular socket outlet and 25 amps modular switch, connection etc. as required. Make: L&T/Legrand/Hager	2			Each	
6.00	Supplying and fixing call bell/ Ding Dong suitable for single phase, 230 volts, complete as required.	1			Each	
7.00	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 existing MCB DB complete with connections, testing and commissioning etc. as required.					
7.01	Single pole. 6 Amp Makes: L&T/Legrand/Hager	2			Each	
7.02	Single pole. 16 Amp Makes: L&T/Legrand/Hager	4			Each	
7.03	Single pole. 25 Amp Makes: L&T/Legrand/Hager	2			Each	
8.00	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
8.01	63 A, 2 pole isolator. Makes: L&T/Legrand/Hager	1			Each	
9.00	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.					
9.01	63 A rating, 2 pole RCCB, 30 mA. Makes: L&T/Legrand/Hager	1			Each	

10.00	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).						
10.01	Double door-12 way Makes: L&T/Legrand/Hager	1				Each	
11.00	Providing, Installation, testing and commissioning of ceiling fan with 2 (Two) Module step type electronic fan regulator, including wiring the down rods of standard length (up to 30 cm) with twin twisted flexible, copper cable, including providing and fixing sheet cover on the fan box and earthing etc. as required.						
11.01	Ceiling Fan 1200 mm sweep, Makes: Usha (cat No Technix Plus 3 Star rating)/ Bajaj/ Panasonic.	4				Each	
12.00	Providing and fixing Recess mounting 1'x4' Panel (5700K) and it should be compatible with specification i.e. Power Factor > 0.9, Harmonic Distortion <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.						
12.01	LED Panel 36 Watt 1'x4' long.	8				Each	
	Makes:- Panasonic/ Philips Wipro (Cat. No. CRCO13R036HP57GL1).						
	Total						


 Executive Engineer
 Electrical Division
 HP PWD Palampur


SCHEDULE OF QUANTITY

NAME OF WORK :- C/O new room in the campus of Govt. Arya Degree College at Nurpur in Tehsil Nurpur Distt. Kangra (H.P.) (SH:- Providing E.I. therein)			Job No. 6		ESTIMATED COST: Rs. 87,911/-only. EARNEST MONEY: Rs. 1800/-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. Make: Anchor (Roma)/ L&T/SCI					
i)	Group C.	14			Point	
2	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make: Anchor (Roma)/ L&T/SCI	1			Each	
3	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make: Anchor (Roma)/ L&T	1			Each	
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 nos. 3 pin 5/6 amps modular socket outlets and 3 nos 5/6 amps modular switches, connection etc. as required. (For light plugs to be used in non residential buildings). Make: Anchor (Roma)/ L&T	1			Each	

5	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. Make: Plaza/ KEI/ Polycab/SCI					
i)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	28			Meter	
ii)	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	36			Meter	
6	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. Make: Plaza/ KEI/ Polycab/SCI	15			Meter	
7	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required. Make: Plaza/ KEI/ Polycab/SCI					
	PVC insulated HRFR LS Copper conductor 1.5 Sq. mm.					
i)	3x1.5 Sq. mm.	5			Meter	
8	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: of Approved Make					
i)	Ceiling Fan 1200 mm sweep, Category-A (Make: Usha Energia ISI)/Equivalent	6			Each	

9	Supplying & fixing following type of Surface mounted luminaires, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor > 0.9, Harmonic Distortion < 20% 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. Make: Jaquar/ Panasonic/Bajaj or any other as approved by Engineer-in-charge.					
i)	LED Batten 22W, 4 feet long Make:- Jaquar, Cat no. LGLZU1X022XN/ equivalent	8			Each	
10	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. Make: L&T, Legrand, Schneider.					
i)	Single pole: Cat-A.	4			Each	
11	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make: L&T, Legrand, Schneider.					
i)	63 Amps. Cat-A.	1			Each	
12	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. Make: L&T, Legrand, Schneider.					
i)	63 Amps. Cat-A.	1			Each	


13	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:- Make: L&T, Legrand, Schneider.					
i)	Double door-8 way	1			Each	
	TOTAL					


 Executive Engineer
 Electrical Division
 HP PWD Palampur

SCHEDULE OF QUANTITY


NAME OF WORK :- Annual Repair and maintenance of AC 1.5 TR capacity various type and various make in various Govt. Offices in Combined Office Building under Electrical Sub Division HP PWD Nurpur for the year 2022-23.					
Job No. 7					
ESTIMATED COST: Rs. 98,500/-only. EARNEST MONEY: Rs. 2000/-only TIME ALLOWED: One year					
Sr. No.	DESCRIPTION	QTY.	FIGURE S	RATES	
				WORDS	UNIT
1	Annual Repair & Maintenance (Routine & Preventive) of various makes/ types and different capacity split AC's with four numbers mandaterly quarterly services and all emergency break down services as and when required from time to time as per the best satisfaction of Engineer -in-Charge (Split Type AC unit)				
	The AMC will include the followings:-				
A)	Compressor, Thermostat, Relay , OLP, Fan-Motors, Times, PCB, Heaters,Air-Dampers,Ice maker, temperature sensors , Evaporators, condensers, Refrigerant charging, Drivers, Capillary, Blowers, Fan Blade, control Box,Magnetron,Electrical Switches, Transformers (Internal) Diodes, Capacitors, Wire Hairness, Wash & Spin Motors, Gear Box , Clutch Assembly, Drum, Inner Bellows, Bearing 7 Lip Seal, Drain Motor , Pump, Eletrical Valves, Buzzer, suspension , Key Membrane, Remote PCB including cost of their replacement.				
B)	All defective components shall be replaced with compatible working parts and defective parts shall be company's / firm/ contractor's property	21			each
2	Annual Repair & Maintenance (Routine & Preventive) of various makes/ types and different capacity window AC's with four numbers mandaterly quarterly services and all emergency break down services as and when required from time to time as per the best satisfaction of Engineer -in-Charge (Window Type AC unit)				
	The AMC will include the followings:-				

A)	Compressor, Thermostat, Relay , OLP, Fan-Motors, Times, PCB, Heaters,Air-Dampers,Ice maker, temperature sensors , Evaporators, condensers, Refrigerant charging, Drivers, Capillary, Blowers, Fan Blade, control Box,Magnetron,Electrical Switches, Transformers (Internal) Diodes, Capacitors, Wire Haimess, Wash & Spin Motors, Gear Box , Clutch Assembly, Drum, Inner Bellows, Bearing 7 Lip Seal, Drain Motor , Pump, Eletrical Valves, Buzzer, suspension , Key Membrane, Remote PCB including cost of their replacement.					
B)	All defective components shall be replaced with compatible working parts and defective parts shall be company's / firm/ contractor's property	1			each	
	Total					


 Executive Engineer
 Electrical Division
 HP PWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Annual Repair and maintenance of AC 1.5 TR capacity various type and various make in various Govt. Building under Electrical Sub Division HP PWD Nurpur for the year 2022-23		Job No. 8		ESTIMATED COST: Rs. 83,500/-only. EARNEST MONEY: Rs. 1700/-only TIME ALLOWED: One year		
Sr. No.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURE S	WORDS		
1	SPLIT TYPE AC UNIT:-Annual repair and maintenance of various make and different capacity Air Conditioner unit (Split Type) i/c cost of all type spare parts,four times general services,refilling of F-22 gas and service due on time to time as per rules, cost of rewinding of moter ,compressors, stabilizer including the replacement of compressor if beyond repair as per the instructions and directions of the Engineer-In-Charge.	15			each	
2	Window TYPE AC UNIT:-Annual repair and maintenance of various make and different capacity Air Conditioner unit (Window Type) i/c cost of all type spare parts,four times general services,refilling of F-22 gas and service due on time to time as per rules, cost of rewinding of moter ,compressors, stabilizer including the replacement of compressor if beyond repair as per the instructions and directions of the Engineer-In-Charge.	4			each	
Total						


 Executive Engineer
 Electrical Division
 HP PWD Palampur