

Government Engineering College Jhalawar

Estate Electrical Department

Work Details: Annual Electrical Repairing Rate Contract of Fans, Coolers, Water Coolers, Fridges and Air Conditioners

Period of work: Twelve month from the date of work order

Name & Address of Contractor: -----

G-Schedule

(Based on PWD BSR-2013)

S.No	Description	Unit	Approx.qty.	Rate	Rupees
	Rewinding of ceiling fan motor (starting and running winding) including all necessary material. The motor is to be wound taking no. of coils, turns and pitch as it was originally wound with required size super enamelled wire with 'E' class insulation material and making connections etc. as required. (New model ceiling fan)				
1	900/1200 mm sweep (New model ceiling fan)	Each	100	270.00	27000
2	Labour charges for removing and refixing of Ceiling fan/ Exhaust fan from site	Each	100	36.00	3600
3	Charges for oiling, greasing, overhauling of ceiling fan, table fan, pedestal fan irrespect to the size of fan including removing,refixing of fan	Each	100	60.00	6000

	from site and testing etc. as required.				
4	Providing and Replacement of ball bearing of ceiling/ exhaust fan as required. (NBC/ SKF)	Each	40	133.00	5320
5	P & F Aluminium Blades (a set of 3 blades) duly painted and well finished 900/ 1200 mm. The material of the fan blade shall be of designation 31500B with condition HX6 aluminium alloy sheet confirming to IS 737/2008	Each	15	184.00	2760
6	P & F of rubber gromet (fan insulator)	Each	20	15.00	300
7	Providing and Replacement of Gun metal bush of ceiling/exhaust/cooler fan/ as required.	Each	10	124	1240
	Desert Cooler				
8	P & Replacement of M.S. Shaft of fan motor for Desert Cooler/ exhaust fan.	Each	2	127.00	254
9	P & F of stud with nuts and washer for Desert Cooler/ exhaust fan.	Each	10	25.00	250

10	Servicing and overhauling of 20" sweep desert cooler including oiling, greasing, painting of tank from inside with rubber paint after properly dismantling each assembly and refixing the same as required.	Each	1	144.00	144
11	Painting of desert cooler with two coats of rubber paint inside of water tank and two coat of synthetic enamelled paint on both side of cooler body, fan body, grills etc.after cleaning with sand paper, complete in all respect as required.	Each	1	347.00	347
12	Replacement of cooler pads (heavy) set of 3 no. of size 25" x 27"	Each	1	87.00	87
13	P & F Brass float valve of weighing approx. 250 gm, 8" long rod,PVC ball of 4" dia. For desert coler as required.	Each	2	149.00	298
14	P & F adjustable M.S.grill 20/22 gauge of size approx. 24" x 26" including painting etc. as required.	Each	1	247.00	247
15	P & F outer/inner threaded PVC nipple 1/2" dia and 2" long	Each	3	11.00	33

16	Labour Charges for fixing of desert cooler in windows including handling of cooler up to desired location, making electrical/water connections, testing etc. as required.				
17	Ground floor	Each	1	73	73
18	First floor	Each	1	91	91
	P & F vertical pump suitable for 20" desert cooler including making connection testing etc. as required.				
19	submercible pump (Millborn/ Wonder make)	Each	1	252.00	252
	P & F fan motor suitable for 20" desert cooler including making connection testing etc. as required.				
20	CG/ COOLHOME/ KHAITAN fan motor make	Each	2	1450.00	2900
21	ISI marked fan motor	Each	2	1008.00	2016
	Rewinding of Heavy duty Exhaust fan motor including all necessary material,The motor is to be wound taking no. of coils,turns and pitch as it was originally wound with required size super enamelled wire with 'E' class insulation material and making				

	connections etc. as required.				
22	300/ 380 mm sweep	Each	1	452.00	452
23	457 mm sweep	Each	1	491.00	491
	Rewinding of single phase motor of 1400 RPM including all necessary material and of the same characteristics as original with required size of super enamelled wire 'E' class insulation material and testing etc. as required.				
24	0.75 H.P. To 1.0 H.P.	Each	1	658.00	658
25	2.0 H.P.	Each	1	1052.00	1052
	Rewinding of three phase squirrel cage induction motor of 1400 to 2800 RPM including all necessary material and of the same characteristics as original with required size of super enamelled wire 'E' class insulation material and testing etc. as required.				
26	5.0 H.P.	Each	1	1649.00	1649

27	Rewinding of motor of desert cooler pump with super enameled copper wire, 'E ' class insulation material including removing ,refixing ,testing etc. as required.	Each	1	140.00	140
28	Rewinding of motor of desert cooler fan with super enamelled copper wire, 'E ' class insulation material including removing,refixing,testing etc. as required.	Each	1	428	428
	Supplying and charging of fresh refrigerant and testing of performance of air conditioner/ fridge/ water cooler of following capacity including capillary and strainer/ filter.				
29	1.5 TR Window/ Split A.C.	Each	3	1673.00	5019
30	2.0 TR Window/ Split A.C.	Each	3	1911.00	5733
31	25/50 / 40/80 Ltr. Water cooler	Each	1	1554.00	1554
32	60/120 Ltr. Water cooler	Each	1	1792.00	1792
33	150/150 Ltr. Water cooler	Each	3	2121.00	6363
34	165 Ltr Refrigerator	Each	1	955.00	955
35	200/210 Ltr Refrigerator	Each	1	1403.00	1403

	Replacement of defective compressor by company repaired compressor of following gadgets including testing etc. as required. (Carrier/ Kirlosker/ Techumshe/ Shriram/ Voltas)				
36	1.5 TR A.C.	Each	2	8342.00	16684
37	2.0 TR A.C.	Each	2	9906.00	19812
38	25/50 / 40/80 Ltr. Water cooler	Each	1	4602.00	4602
39	60/120 Ltr. Water cooler	Each	1	5770.00	5770
40	150/150 Ltr. Water cooler	Each	2	6846.00	13692
41	165 Ltr Refrigerator (Carrier/ Kirlosker/ Techam-Shah/ Shriram/ Voltas/ BPL/ Zenith/ Kelvinator)	Each	1	2392.00	2392
42	200/210 Ltr Refrigerator (Carrier/ Kirlosker/ Techam-Shah/ Shriram/ Voltas/ BPL/ Zenith/ Kelvinator)	Each	1	2902.00	2902
	P & Replacement of condensing/ cooling coil of copper fins for following capacity A.C./ Water cooler/ Fridge as required.				
43	1.5 TR A.C.	Each	1	2675.00	2675
44	2.0 TR A.C.	Each	1	3015.00	3015
45	25/50 / 40/80 Ltr. Water cooler	Each	1	1803.00	1803

46	60/120 Ltr. Water cooler	Each	1	2675.00	2675
47	150/150 Ltr. Water cooler	Each	1	2675.00	2675
48	165 Ltr Refrigerator	Each	1	769.00	769
49	200/210 Ltr Refrigerator	Each	1	911.00	911
50	Servicing of 1.0/1.5/2.0 TR capacity air conditioner after desmanteling	Each	5	505.00	2525
51	P & Replacement of overload protection of A.C./ Water cooler as required.	Each	1	374.00	374
52	P & Replacement of thermostat of A.C./ Water cooler/fridge as required.	Each	1	346.00	346
53	P & Replacement of selector switch of 1.0/1.5/2.0 TR A.C Fan as required.	Each	1	112.00	112
54	P & Replacement of starting relay of A.C/water cooler/fridge compressor as required.	Each	1	376.00	376
55	P & Replacement of door liner of 165/200 Ltr. Fridge as required	Each	1	793.00	793
56	P & Replacement of main liner of 165/200 Ltr. Fridge as required	Each	1	1543.00	1543
57	P & Replacement of lamp of Fridge as required	Each	1	26.00	26

58	P & Replacement of fan motor of evaporator/ condensor complete as required	Each	1	1712.00	1712
	S & F of capacitor of 230V/ 275V, 50Hz rating of Usha/ Punsumi/ Priya/ Capital/ JEC/ AMCAP/ CONCAP make				
	Starting capacitor				
59	40-60 micro farad	Each	1	171.00	171
60	60-80 micro farad	Each	1	235.00	235
	Running capacitor				
61	2.5/3.15 micro farad	Each	1	39.00	39
62	4.0 micro farad	Each	1	51.00	51
				Total	169581

I / we agree to execute the above work at following rates as per specifications of G-Schedule and according to the enclosed terms & conditions.

Add..... % (in figure) Above/Below on G-Schedule Amount.

Add..... % (in words) Above/Below on G-Schedule Amount.

Undertaking: The rates have been quoted after examining the site and various difficulties likely to be encountered during the execution of the work. I have also gone through the terms & conditions, general rules and directions carefully and agree to abide by those.

Place:

Date:

**Signature of Contractor
With Seal**

TERMS AND CONDITIONS FOR WORKS

The following conditions will be the part of tender document for the electrical works to be done through open tender. The contractor (s) / firm will be bound with these conditions.

1. The contractor have to use items of GECJ choice out of the approved makes of specified group i. e. the department will select the make & model out of the various makes of a Group given in G-schedule and not of his own i.e. contractor choice.
2. The successful contractor after award of work order has to use original products / items of approved makes and selected by the Estate Electrical Department of GECJ. If any of the items used found fake / duplicate, the work order will be cancelled, items will be seized, earnest money will be forfeited, and contractor will be black listed.
3. To ensure quality of work officer in charge can ask the contractor to show the original bills etc. about the purchase of items. The contractor has to purchase all items from the manufacturer or the authorized dealers of the items.
4. The total volume / quantity of work may vary as per requirement, due to change in location, due to other factors occurring during course of work. The payment will be made as per actual measurement and not equal to the G-Schedule amount.
5. The old items installed presently will be removed by the contractor and he will handover all items to the Estate Elect. Department (weather items are working or not working). The cost of this work will be inclusive in G-Schedule amount. No additional payment will be made for removal of old fixtures. Tenderer quote his rate keeping this fact.
6. Contractor has to ensure the decorum/discipline as per College norms otherwise necessary penalty shall be imposed by the Coordinator Estate Electrical .
7. The contractor has to submit the proof of PAN card, Experience & has to attach all the with completed filled tender document any deficiency shall be treated as incomplete form & form shall be cancelled even if 1st lowest.
8. The rates including all T& P and scaffolding material.
9. The rates including all heights.
10. The rates cover protection of all place and things including cleaning and such place and things of all dropping of material.
11. The rates will be same for all deviations in quantity of work; even the quantity may increase or decrease.

12. Conditional tender shall not be considered.
13. In the case of any typographical error in miss print in nomenclature the PWD BSR (Electrical) – 2013 original / without any amendment shall be binding and final.
14. G-schedule rates are based on PWG BSR 2013 (Electrical) original without any variation/ amendment. PWFR will be the part of this tender document.
15. The College has the right to cancel bid without assigning any reason.
16. The payment of the work will be made as per the actual measurement of each item submitted by the contractor and verified by GECJ Estate authority. The payment shall be released on minimum 10% of the G- Schedule work.
17. The work shall be completed as per specification/ requirement within the given time period. Otherwise necessary deduction will be made from the final payment as per provision of PWF & AR. & Regulations.)
18. Any damage caused to property of GECJ during working or due to mistake of contractor, the same will be repaired / replaced by the contractor to its original conditions. at is own cost.
19. The Contractor will require to deposit a sum of 10 % amount in form of S.D. or will be deducted from total payment amount.
20. Tax deductions-
 - (I) Income Tax/Service Tax/ Labour Cess/VAT as applicable will be deducted from bills and directly paid to the government department by GECJ.
21. The guarantee period for the items will be equal to the guarantee provided by the manufacturer if it is higher than one year. Otherwise the guarantee period for all works and items to be installed will be one year's minimum.
22. Penalty Clause- The maximum penalty up to 10 % of bill amount may be imposed for delay in works on the part of contractor/firm as per the conditions of agreement.
23. Agreement- The firm / contractor has to sign an agreement within 10 days from the issue of the work order in prescribed format. as per GFR
24. The tender copy may be received from GECJ after payment of tender fee and the filled tender is to be inserted in the sealed tender box at the Establishment office.
25. Raj. Transparency in public procurement rules 2013 shall be applicable in terms of conditions of tender & contract.

Annexure A: Compliance with the code of Integrity and No. Conflict of Interest.

Any person participating in a procurement process shall-

- (a) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- (b) Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- (c) Not indulge in any collusion, Bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- (d) Not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- (e) Not indulge in any correction including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- (f) Not obstruct any investigation or audit of a procurement process;
- (g) Disclose conflict of interest, if any; and
- (h) Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest:-

The Bidder participating in a bidding process must not have a Conflict of Interest.

A conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- i. A Bidder may be considered to be in Conflict of interest with one or more parties in a bidding process if, including but not limited to;
 - a. Have controlling partners/shareholders in common; or
 - b. Receive or have received any direct or indirect subsidy from any of them; or
 - c. Have the same legal representative for purpose of the Bid; or
 - d. Have the relationship with each other, directly or through common third parties, that puts them in a position to have access have to information about or influence on the

bid of another Bidder, or influence the decision of the procuring Entity regarding the bidding process; or

- e. The bidder participates in more than one bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
- f. The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specification of the Goods, Works or Service that are the subject of the Bid; or
- g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the procuring Entity as engineer-in-charge/consultant for the contract.

Annexure B: Declaration by the Bidder regarding Qualifications
Declaration by the Bidder

In relation to my/our Bid submitted tofor procurement ofin response to their Notice Inviting Bids No.....DatedI/We hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/We have fulfilled my/our obligation to pay such of the taxes payable to the union and the State Government or any local authority as specification in the Bidding Document;
3. I/We have are not insolvent in receivership, bankrupt or being wound up, not have my/our affairs administrated by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceeding for any of the foregoing reasons;
4. I/We do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conducted or the making of false statement or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceeding;
5. I/We do not have a conflict of interest as specification in the Act, Rules and the bidding Document, which material affects fair competition;

Date:

Signature of bidder

Place:

Name:

Designation:

Address:

Annexure C: Grievance Redressal during Procurement Process.

The designation and the address of the first Appellate Authority is Principal Government Engineering College Jhalawar.

(1) Filing an appeal

If any bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the act or the rules or the Guidelines issued there under, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved: Providing that after the declaration of a Bidder as successful the appeal may be filled only by a Bidder who has participated in procurement proceeding: Providing further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filled only by a Bidder whose Technical Bid is found to be acceptable.

(2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose it of within thirty days from the date of the appeal.

(3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidder Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

(4) Appeal not to lie in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) Determination of need of procurement;
- (b) Provisions limiting participation of Bidders in the Bid process;
- (c) The decision of whether or not to enter into negotiations;
- (d) Cancellation of a procurement process;
- (e) Applicability of the provisions of confidentiality.

(5) Form of Appeal

- (a) An appeal under para (1) or (3) above shall be in the annexed Form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.
- (c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

(6) Fee for Filing Appeal

- (a) Fee for first appeal shall be two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

(7) Procedure for disposal of appeal

- (a) The First Appellate Authority or Second Appellate Authority, as the case may be upon filing of appeal, shall issued notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- (b) On the date of fix hearing, the First Appellate Authority or Second Appellate Authority, as the case may be shall,-
 - (i) Hear all the parties to appeal present before him; and
 - (ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.

Annexure D: Additional Conditions of Contract

1. Correction of arithmetical errors

Provided that a Financial Bid is substantially responsive, that Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- i. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- ii. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- iii. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above. If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

2. Procuring Entity's Right to vary Quantities.

- (i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit price or other terms & conditions of the Bid and the conditions of contract.
- (ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.
- (iii) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the Supplier fails to do so, the

Procurement Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the Supplier.

3. Dividing quantities among one than more Bidder at the time of award (In case of procurement of Goods)

As a general rule all the quantities of the subject matter of procurement shall be procured from the Bidder, whose Bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidders in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.

Principal