

**INVITATION OF BIDS FOR “INSTALLATION OF ELECTRIC GENERATOR
AT ARMY PUBLIC SCHOOL JALANDHAR CANTT”**

RFP NO:101/QUOTATION/APS/DG SET DATED 06 OCT 2020

1. Bid in sealed cover is invited for supply of items listed in Part II of this RFP. Please super scribe the above mentioned title, RFP number and date of opening of the Bids on the sealed cover to avoid the Bid being declared invalid.

2. The address and contact numbers for sending Bids or seeking clarifications regarding this RFP are given below -

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- (a) Bids/queries to be address to: Principal, Army Public School, Jalandhar Cantt
- (b) Postal address for sending the Bids: Army Public School, MH Road,
Jalandhar Cannt- 144005
- (c) Name/designation of the contact personnel: Dr Saksham Singh, Principal
- (d) Telephone numbers of the contact personnel: 0181-2630776, 2630877
- (e) E-mail ids of contact personnel: apsjaladharcantt@gmail.com

3. **Last date and time for Deposition the Bids.** Two separate sealed envelopes consisting of technical and commercial bid should be deposited/reach by the due on **12 October 2020** and time 1000hrs and the responsibility to ensure this lies with the Bidder.

4. **Manner of Depositing the Bids.** **Two Sealed Bids in original** should be either handed over in person or sent by registered post at the address given below so as to reach by due date and time. Late tenders will not be considered. No responsibility will be taken for postal delay or non delivery/non receipt of Bid documents. Bids sent by Fax or e-mail will not be considered.

**Principal
Army Public School
Jalandhar Cantt**

5. **Time and Date for Opening of Technical Bids.** Date of opening of bids is **13 October 2020** at 1000hrs. If due to any exigency, the due date for the opening of the Bids is declared a closed holiday, the Bid will be opened on the next working day at the same time or on any other day/time, as intimated by the Buyer.

6. **Two Bid system.**

(a) The Technical Bids shall be opened on **13 October 2020** and a Technical Evaluation Committee(TEC) will evaluate and recommend the technical compliance of each bid as per the required technical Qualitative and quantitative requirement.

(b) The commercial Bids of only those Bidders whose technical bids meet all the stipulated (Technical) requirements shall be opened.

7. **Clarifications Regarding Contents of the RFP.** A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify to the Buyer in writing about the clarifications sought not later than 05 (Five) days prior to the date of opening of the Bids. Copies of the query and clarifications by the purchaser will be sent to all prospective bidders who have received the bidding documents.

8. **Unwillingness to Quote.** Bidders unwilling to quote should ensure that intimation to this effect reaches before the due date and time of the opening of the Bid, failing which the defaulter bidder may be delisted for the given range of items as mentioned in this RFP for all further procurements.

9. **Validity of Bids.** The Bids should remain valid till **180 days** from the last date of submission of the bids.

10. **Earnest Money Deposit.** NA

11. **Schedule of Requirements.** List of items /services required is as follow:-

Ser No	Name of Items	A/U	Qty	Unit Cost	Total Cost
(a)	Supply of 75 KVA DG Set with installation	Nos	1		
(b)	Installation must include :-				
(i)	Unloading of DG Set	Nos	1		
(ii)	Making foundation mass concreted (5ftx10ftx1ft)	Nos	1		
(iii)	Chemical Earthing Qty -04	Nios	4		
(iv)	Supply and fixation of wire 50sqm x 3.5C	Mtrs	50		
(v)	Changeover switch 200Amps 4P reputed mark	Nos	1		
(vi)	Labour and commissioning	Nos	As per requirement		
(c)	Basic cost of the project				
(d)	GST				
(e)	Total cost of Project				

12. **Technical details** The Technical Bid Format is as given at **Appendix 'A'**. Bidders are required to fill this up correctly with full details

13. **Delivery Period.**

(a) Delivery period for supply of items would be maximum of **21 Days** from the effective date of contract.

(b) Installation of all equipments as per satisfaction of buyer.

(c) Installation and Acceptance Testing Procedure (ATP) would be 30 Days after delivery of Items.

14. **Terms of Delivery and Installation.** All the items will be delivered at **Army Public School, Jalandhar Cantt** on challan/invoice subject to acceptance by inspection committee.

15. **Consignee Details.** Principal, Army Public School Jalandhar Cantt.

16 **Payment Documents.** 100% payment on delivery, installation and acceptance by the user under following condition:-

(a) Delivery of Items as per supply order.

(b) Installation all equipment as per satisfaction of buyer.

(c) Acceptance Testing Procedure (ATP) as per technical specification

17. **Advance Payments.** No advance payment (s) will be made.

18. **Paying Authority.** The payment of bills will be made on submission of the following documents by the Seller to the purchaser along with the bills and after completion of ATP and submission of Satisfactory Performance Certificate (SPC).

(i) Ink signed copy of Commercial invoice / Seller's bill.

(ii) Inspection note.

(iii) Guarantee/ Warranty certificate.

(iv) User Acceptance.

(v) Delivery Challan.

19. **Earliest Acceptable Year of Manufacture (2020):** Latest Quality /Life certificate will need to be enclosed with the Bill.

20. **Inspection Authority.** The inspection will be carried out by Bd of Officers. The mode of inspection will be Departmental Inspection.

21. **Warranty:** - **01 Years (12 Months)** from the date of acceptance of the said good store/articles from the Seller. The warranty period should cover minimum of three services or more, which must include repair/ replacement of parts (consumable or others) without any charges to buyer.

22. **Price Bid Format.** The Price Bid Format is as given at **Appendix 'B'**. Bidders are required to fill this up correctly with full details.

23. **Option Clause and Repeat Order Clause.**

(a) **Option Clause.** Under this clause, the Purchaser retains the right to place orders for additional quantity up to a maximum of 50% of the originally contracted quantity at the same rate and terms of the contract. For all/ selected items of supply, such an option is available during the original period of contract provided this clause had been incorporated in the original contract with the supplier. Option quantity

during extended DP is to be limited to 50% of balance quantity after original Delivery Period. This clause may be exercised in case of procurement from single vendor/OEM also subject to there being no downward trend in prices. However, in multi vendor contracts, great care should be exercised before operating the option clause.

(b) **Conditions Governing Option Clause.** Against an outstanding indent for which acceptance of necessity has been approved by CFA, it may be advantageous to the Purchaser to exercise the option clause in accordance with the terms and conditions of contract. The option clause may be exercised on approval of the CFA, within whose powers total value of original supplies plus value of the option clause falls, in consultation with IFA, where applicable as per the delegation of financial powers, during currency of the contract. It should be ensured that there is no downward trend in the market prices. No fruitful result will accrue by floating fresh RFP when items are urgently required. If the contract also contains the repeat order clause, it may be kept in mind while placing order under the option clause that the total quantity under the option clause and the repeat order cannot exceed fifty percent of the originally ordered quantity.

(c) **Repeat Order.** Wherever considered necessary, provision may be made in the RFP and the contract for Repeat Order. A Repeat order against a previous order may be placed at the same cost and terms and conditions as per the original order/ contract with the approval by the CFA and concurrence of integrated finance, wherever required as per the delegation of financial powers.

(d) **Conditions Governing Repeat Order.** A Repeat Order may be placed subject to the following:-

(i) Items ordered against the previous order had been delivered successfully.

(ii) Original order should not have been placed to cover urgent/ emergent demand.

(iii) Repeat Order is not placed to split the requirement to avoid obtaining the sanction of the next higher CFA.

(iv) The original order should have been placed on the basis of lowest price negotiated and accepted by CNC, and not on the basis of delivery or any other preference.

(v) There is no downward trend in the price of the item. (A clear certificate should be recorded to that effect).

(vi) The requirement is for stores of identical nature/ specifications, nomenclature etc. Minor improvement in spec(s) or phasing out of products due to obsolescence should not be precluded from the purview of repeat order but this aspect should be very carefully examined from the point of view of interchangeability of the product offered as an improved substitute.

(vii) The repeat order is to be placed within **six months** from the date of completion of the supply against the previous order and it should be placed only once.

(viii) The repeat order quantity is to be restricted to a maximum of 50% of last order quantity in case of indigenous and foreign procurement, where the

contract does not also include the option clause. In case of orders for small quantities (1 to 7), the Repeat Order quantity may be rounded off to the next whole number.

(ix) This provision may be exercised in case of PAC/ Single vendor OEM also. However, care should be taken before exercising this provision in multi-vendor situation.

(x) Where the contract also includes an Option clause, Repeat Order may be placed only for such quantity, which, along with the quantity for which Option clause may have already been exercised, does not result in the total quantity under the Option clause and the Repeat Order exceeding 50% of the originally ordered quantity.

(xi) The CFA will be decided taking into consideration the value of the originally ordered quantity and the Option clause/ Repeat Order quantity.

Enclosure: (As above)

Appx 'A'

(Refers to Para 12 of Tender

Enquiry No 101/Quotation/APS/DG Set

dt 06 Oct 2020)

TECHNICAL BID: MATRIX CHART FOR "INSTALLATION OF GENERATOR SET 75**KVA****AT ARMY PUBLIC SCHOOL JALANDHAR CANTT"**

S No	Technical Operational Requirement Specification	Specification Offered	Deviation
1.	<u>Acoustic Enclosure</u>		
(a)	Canopy size L : mn B : mn H : mn	L= 2850±10 B=1100±10 H=1550±10	
(b)	Battery (Ah)	88±10 (inclusive) or more	
(c)	Starting System	12V DC	
(d)	Weight (Kg)	1580±10 or lesser	
(e)	Fuel tank (LTR)	170±10 or more	
(f)	Engine power (Bhp)	84±10 or higher	
(g)	Rated speed (RPM)	1500±10 or better	
(h)	No of cylinder	4	
(j)	Bore (mm)	97±10	
(k)	Stroke (mm)	128±10	
(l)	Total displacement (CC)	3800±10	
(m)	Compression ratio	17.5:01	
(n)	Aspiration	Turbo Charged, Intercooled	
(o)	Cooling system	Water cooler	
(p)	Emission norms	CPCG-II Complaint or better	
2.	<u>Alternator</u>		
(a)	Alternate make	Stamford/ Kirloskar/ CG/ Meccalte or better	
(b)	Type	Brushless H class insulation	
(c)	Frequency	50 Hz	
(d)	Voltage (V)	230/415	
(e)	Winding	2/3 rd pitch winding	
(f)	Amperes (A) @ 415V	104.25 Amp	
3.	<u>CONTROLLER</u>		
(a)	Power Factor	0.8 or better	
(b)	Type	Microprocessor based LCD fault display screen, auto start/ stop features	
(c)	Display parameters	Run time hours, current voltage engine, RPM frequency, due hours, KVA PF, KW, PF, KW, KWH	
(d)	Modes Available	Automatic	
(e)	DG Protections	Under/ over voltage, under/over frequency, current unbalance, overspeed, overload, RWL, LLOP, HWT, LFL, Charging alternate/ V belt, emergency office service due	

			fail to start fail to stop	
	(f)	MCB/ MCCB	SCHNEIDER/ L&T	
4.	(a)	Warranty	2 Years/ 6000h whichever earlier	
	(b)	Installation & Commissioning	To include power cables, change over switches, loading and unloading, Chemical Earthing	
	(c)	Power cable	50 Sqmm, 3.5 Core or above	
	(d)	Change over	200 Amp, 3 Phase, 4 Pole	
5.	Chemical Earthing			
	(a)	Copper Bonded rods with electrode and chemical compounds (Length 1.5mtr-3mtr)		
6.	Delivery at site, Installation, Loading & Unloading, Conustruction of plinth for placing of Generator Set			
7.	AMC		5 Years	

Company seal

(Authorised Signatory of Company)

Dated: 2020

Appx 'B'

(Refers to Para 23 of Tender

Enquiry No _____
dt _____ 2020)

PRICE BID FOR "INSTALLATION OF GENERATOR SET 75KVA
AT ARMY PUBLIC SCHOOL JALANDHAR CANTT"

Ser No	Name of Items	A/U	Qty	Unit cost	Total cost
1	Supply of 75 KVA Silent DG Set with Installation	Nos	01		
2	Installation must includes:-	-			
2.1	Unloading of DG Set	Nos	01		
2.2	Making foundation mass concreted (5ft x 10ft x 01ft)	Nos	01		
2.3	Chemical Earthing Qty-04	Nos	04		
2.4	Supplyl and fixation of wire 50sqmm x 3.5C	Mtrs	50		
2.5	Changeover switch 200 Amps 4P reputed make	Nos	01		
2.6	Labour and commissioning	Nos	as per requirement		
3.	Basic Cost of Project				
4.	GST				
5.	Total Cost of Project				
	AMC of the eqpt covered Ser No 01 to 08 and Ser No 12 (AMC will not be exceeded more than 7%)				
(a)	1st year @ ____ %				
(b)	2nd year @ ____ %				
(c)	3rd year @ ____ %				
(d)	4th year @ ____ %				