अखिल भारतीय आयुर्विज्ञान संस्थान

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**

मंगलगिरी, गुंटूर (आंध्र प्रदेश) 522503

Mangalagiri, Guntur District (Andhra Pradesh) – 522503

website: <https://www.aiimsmangalagiri.edu.in/>

**NIQ No. : AIIMS/MG/Stores/ Engineering Department/ Consumables for Generator Set/36**

 **Dated: 24/03/2021**

**Sub**: - “**NIQ for supply of Consumables for Generator Set for Engineering Department, AIIMS Mangalagiri”.**

**Notice Inviting Quotations**

On behalf of Director, AIIMS Mangalagiri**,** invites quotation with price bid and other documents from eligible Manufacturers/Firms/Companies/Authorized Agents/Distributors/ Dealers/Supplier Agencies on mutually agreed terms and conditions for “**NIQ for supply of Consumables for Generator Set for Engineering Department, AIIMS Mangalagiri”.** the Specificationsdetails given at Schedule of Requirement.

 **Schedule of Requirement:-**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Description of item** | **Required Quantity** |
| 1. | Engine Oil ( Koel Care) | 150 Litres |
| 2 | Lube oil filter | 8 No. |
| 3 | Pre filter Cartridge | 2 No. |
| 4 | Final filter cartridge | 2 No. |
| 5 | Centrifugal filter service kit for DV | 1 No. |
| 6 | Coolant -10 litre (Koel care) | 1 No. |

**Koel Green Gen Set Specifications:**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Specifications** | **Values** |
| 1 | Engine type | DV 16ETA G1 |
| 2 | Rating Kw/HP | 890KW/ 1210 Hp |
| 3 | Rating STD | ISO 3046 |
| 4 | SR No. | D 16.1007/1920028 |
| 5. | Gen set Mode | KG1-1010WS |

***The above description of items should match with the Koel Green Gen set Specifications.***

***The detailed specifications of Koel Green Gen Set will find in Annexure III***

**1. Technical Bid Documents:-**

 **Technical Bid Documents Copies duly signed and page numbered required to be accompanied with Technical Bid Envelope as follows:-**

1. **Mandatory Documents**:
2. **Undertaking for acceptance of Terms & Conditions of AIIMS Mangalagiri** against theNIQ should be printed on the Official Letter Head of participating Bidder Company, duly signed and Stamped and accompany with Technical Bid Document as per **Format** **given at Annexure-II**.
3. **Copy of Certificates/Standards for confirming the Quality of Supplied product:** The quoted Item/Items should have applicable quality mark such as ***ISI/BIS/ISO* 9002** for Quality assurance in Production and its utmost safety compliance for use in patient care should be mentioned and the copy of such applicable certification must enclose with the price quotation.
4. **Purchase Order / RC Copy from INI such as AIIMS Delhi, PGI Chandigarh, JIPMER, SGPGIMS, RML, State Government and Prominent Private Organizations , for the rates reasonability for the earlier supplied same consumables , in the last three Financial Years**
5. Authorization Certificate: Please mention the name and address with the complete email id and the validity period of the Authorization Certificate. (If any).
6. **Fall clause:** If at any time during the period of contract, the price of this NIQ items isreduced or brought down by any law or Act of the Central of State government, the supplier shall be bound to inform Purchasing Authority immediately about such reduction in the contracted prices. In case the supplier fails to notify or fails to agree for such reduction of rates, the Purchasing Authority will revise the rates on lower side. If there is a price increase

for any product after quoting the rates, the bidders have to supply the item as per the quoted rates.

1. **Delivery period:** Delivery period of the items shall be **14 days** from the issue of supplyorder. The period of delivery strictly to be followed by the Supplier Agency as per time period communicated through Purchase/Supply Order through e-mail/hard copy through speed post.
2. **Penalty:** The penalty @ **0.50% per week** will levied on supply order value of the itemand will be deducted from the payment Bill. The maximum penalty will be **10 %** against any of Purchase/Supply Order total value.
3. **Warranty Period**: Should clearly be mentioned in the quotation as per the OEM o**r** company Norms**.**

**2.** **Financial Bid Documents:-**

1. **Price Basics:** Unit base price should be inclusive of GST and all applicable Expenses up toF.O.R. at AIIMS Mangalagiri basis.
2. **Price Validity:** The quoted prices should remain valid for the **180 days** period at AIIMSMangalagiri against this NIQ.
3. **Price Quotation Format:** Price should be quoted in the “**Financial Bid” format given at Annexure-I strictly** by the interested Supplier Agency.

Both the above sealed envelopes to be kept in another big outer envelope superscripted as “**NIQ for supply of Consumables for Generator Set for Engineering Department, AIIMS Mangalagiri”.** in sealed condition for the supply ofitem/items detailed given in the Schedule of Requirement.

The sealed NIQ should reach in the Office of Sr.S.O, AIIMS Mangalagiri, First floor, Dharmasala Building, Room No. 111 or 110 ,Mangalagiri, Guntur-522503 on or before at  **31/ 03 /2021, till 15.00 hrs**. duly sealed & clearly superscripted “**NIQ for supply of Consumables for Generator Set for Engineering Department, AIIMS Mangalagiri”.** All quotationsshould be type written or written with indelible ink, duly signed, stamped and page numbered.

All over writing and erased entries will not be considered and treated as deleted entries from the quotations. The Bids received after the due date and time, shall be liable for rejection.

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 **Senior Store Officer**

**For and on behalf of Director**

**AIIMS Mangalagiri**.

**(Submit in firm letter Head)**

**Annexure-I**

**Financial Bid (Price Quotation)**

**(Strictly in the format given below only in sealed Envelope in the Letter head of the Supplier Agency superscripted at “Financial Bid”)**

 “**NIQ for supply of Consumables for Generator Set for Engineering Department, AIIMS Mangalagiri”.**

 **Quotation Reference No. /NIQ No. AIIMS/MG/Stores/Engineering Department/ Consumables for Generator Set/36**

 **Dated: …../…../2021**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.****No.** | **Description of Items****(Specifications are mentioned in the page 1 and Annexure III)** | **Required****Quantity** | **Brand/Cat No./HSN Code** | **Unit** | **Price per unit in Rs.** | **GST%** | **Unit Rate Including GST in Rs.** | **Total price of Required Quantity****(In ₹)** |
| ***1*** | ***2*** | ***3*** | ***4*** | ***5*** | ***6*** | ***7*** | ***8*** | ***9=(3\*8)*** |
| 1. | Engine Oil ( Koel Care) | 150 litres |  |  1 litre |  |  |  |  |
| 2 | Lube oil filter | 8 No. |  |  1 No. |  |  |  |  |
| 3 | Pre filter Cartridge | 2 No. |  |  1 No. |  |  |  |  |
| 4 | Final filter cartridge | 2 No. |  |  1 No. |  |  |  |  |
| 5 | Centrifugal filter service kit for DV | 1 No. |  |  1 No. |  |  |  |  |
| 6 | Coolant -10 Litre (Koel care) | 1 No. |  |  1 No. |  |  |  |  |
| **Total Price in Rs.** |  |
| **Other Charges (if any) in Rs.** |  |
| **Grand Total in Rs.** |  |

 “**NIQ for supply of Consumables for Generator Set for Engineering Department, AIIMS Mangalagiri”.**

 **Quotation Reference No. /NIQ No. AIIMS/MG/Stores/Engineering Department/ Consumables for Generator Set/36**

**Name(s) & Signature of the Bidder with Stamp/Seal**

Name of the Firm ………………………………………………………………………………….

Address of the firm…………………………………………………………………………………

………………………………………………………………………………………………………

GST No……………………………………………………………………………………………..

Contact Details: Cell Nos. …......................... Email Id: ………………………………………….

Authorized Signatory: ……………………………………………………………………………..

**(Submit in firm letter Head)**



Annexure-II

**Undertaking for Acceptance of Terms & Conditions of AIIMS Mangalagiri**

**(Should be printed on the Official Letter Head of participating Bidder Company, duly signed and Stamped and accompanied with Technical Bid Document)**

“**NIQ for supply of Consumables for Generator Set for Engineering Department, AIIMS Mangalagiri”.**

 **To**

**The Director,**

**AIIMS Mangalagiri,**

**Andhra Pradesh.**

**Sir,**

1. The undersigned certify that I have gone through the terms and conditions mentioned in the NIQ document and undertake to comply with them. I have no objection to any of the content of this NIQ document and I undertake not to submit any complaint/ representation against the NIQ document after submission date and time of the NIQ. The rates quoted by me/us are valid and binding on me/us for acceptance till 01 year.
2. I/We undersigned hereby bind myself/ourselves to ALL INDIA INSTITUTE OF MEDICAL SCIENCES MANGALAGIRI ANDHRA PRADESH, to supply the approved awarded Consumables/Equipment/Instruments/Apparatus/items in the approved prices to AIIMS Mangalagiri during the period.
3. The articles shall be of the best quality and of the kind as per the requirement of the institution. The decision of the Director, AIIMS Mangalagiri, India (hereinafter called the said officer) as regard to the quality and kind of article shall be final and binding on me.
4. Should the said officer deem it necessary to change any article on being found of inferior quality, it shall be replaced by me/us free of cost in time to prevent inconvenience.
5. I/We hereby undertake to supply the items during the validity of this NIQ as per directions given in supply order within stipulated period positively.
6. If I/We fail to supply the items to the stores in stipulated period the AIIMS Mangalagiri has full power to compound the loss through imposing penalty as per the Terms and Condition of this NIQ or forfeit the Bid Security/security deposit.
7. I/We declare that no legal/financial irregularities are pending against the proprietor/partner of the Supplier Agency or manufacturer.
8. I/We undertake that the rates quoted by me when approved and selected by the Director, AIIMS Mangalagiri will be valid for one year from the date of approval of the rate contract.
9. I undertake to supply the Consumables/equipment/stores within **14** days. I undertake to supply the order within stipulated period and if fail to supply order during the stipulated period the necessary action can be taken by the Director, AIIMS Mangalagiri, India.
10. I/We undertake that if the rates of any items are lowered due to any reason, I will charge the lower rates.
11. I/We undertake that the items supplied are as per Demonstration/Catalogue/technical literature description submitted along with Technical Bid.
12. I/We undertake that the quoted rates are not higher than that approved in any other Govt. institutions in India for the same items during the current Financial Year.
13. I/we do hereby confirm that the prices/rates quoted are fixed and are at par with the prices quoted by me/us to any other Govt. of India/Govt. Hospitals/Medical Institutions/PSUs. I/we also offer to supply the Consumables/Equipment/stores at the prices and rates not exceeding those mentioned in the price bid or MRP in any condition.

**Signature of the Supplier Agency Authorized Signatory with seal of the firm**

**(Authorized Signatory)**

Place ………………

Date

**Affirmation**

I pledge and solemnly affirm that the information submitted in this NIQ Document is true to the best of my knowledge and belief. I further pledge and solemnly affirm that nothing has been concealed by me and if anything adverse comes to the notice of purchaser during the validity period. The Director, All India Institute of Medical Sciences, Mangalagiri (A.P.) will have full authority to take appropriate action as he/she may deem fit.

**Signature of the Supplier Agency Authorized Signatory with seal of the firm**

**(Authorized Signatory)**

Place ………………

Date

**ANNEXURE-III**

**Specifications of Koel Green Genset**

|  |  |  |
| --- | --- | --- |
| **UID COOLED-1010KVA** |  |  |
| **S.No** | **Prime rating at rated rpm (as per ISO8528)1** | **KVA** | **1010 HD** |
| **KW** | **808** |
| 1.  | Genset Model |  | KG1-1010WS |
| 2. | Frequency | Hz | 50 |
| 3. | Power factor | Lagging | 0.8 |
| 4. | Voltage ( with thee phase Supply) | V | 4153  |
| 5. | Governing class ( As per ISO 8528 Part-V) |  | G3 |
| 6. | Noise Level | dBA | Contact Koel for details |
| 7. | Fuel Consumption\* At 100% Load | Lts/ Hr | 199 |
|  |  At 75% Load | 155 |
|  |  At 50 % Load | 112 |
| 8 | Fuel tank capacity  | Lts | 990 |
| 9 | Dry weight of genset with canopoy (approx.)^ | Kg | 13200 |
| 10 | Overall dimensions ofgenset ( LxWxH)^ | mm | 7800 x 2300 x 2713 |
| 11 | Electrical Battery/ Starting Voltage | Volts DC | 24 |
|  | **Engine** |  |  |
| 1. | Engine Model |  | DV16ETA G1 |
| 2. | Rated output ( Prime continuous rating as per ISO 8528-1) | Kw | 889 |
| HP | 1210 |
| 3. | No. of Cylinder | Number | 16 |
| 4. | Cubic capacity2 | Lts | 31.84 |
| 5. | Bore X Stroke | mm | 130x150 |
| 6. | Rated Speed | RPM | 1500 |
| 7. | Aspiration  | NA/TC/TA | TA |
| 8. | Lube oil change period  | hrs | 500 |
| 9 | Lube oil sump capacity | Lts | 130 |
| 10 | Coolant capacity | Lts | 205 |
|  | **Alternator** |  |  |
| 1. | Insulation class | Class H |
| 2. | Ingression Protection | IP 23 |
| 3. | Alternator efficiency (at 100%load) 0.8pf\*\* |  | 95.1 |
| 4. | Alternator efficiency (at 75% Load) 0.8 pf\*\* |  | 95.40 |
| 5. | Max voltage dip at full load 0.8pf lag |  | <=15% |
| 6. | Max time to build up rated RPM | < 1sec provided engine reach the rated speed. |
| 7. | Short circuit ratio |  | 0.431 |
| 8. | Short circuit with stand time | sec | 3 times rated current for 10 sec |
| 9. | Over load with stand capacity | % | 10% overload for one hour once in 12 hours. |

\*with 0.845 specific gravity of diesel (5% tolerance)

^These weight are for handling & Transportation only

\*\*Efficiency of Alternator as per standards IEC 60034-1.