



भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

स.स.: भाविप्रा/क्षेमु/उक्षे/वप्र(अभि-वि)/एफटीसी-एनडीबी-डीजी/2021-22/12/104-111  
Ref. No: AAI/RHQ/NR/SM(E-E)/FTC-NDB-DG/2021-22/12/104-111,

दिनांक: 28/03/2022  
Dated: 28/03/2022

सेवा मे,

**मैसर्स हिमालय जनरेटर्स**

डी-248, सेक्टर - 10,

नोएडा - 201 301

फोन:- 9213113224

ईमेल: mayank.himalaya@gmail.com

To,

**M/s Himalaya Generators**

D-248, Sector-10,

NOIDA - 201 301.

Mobile - 9213113224

Email:- mayank.himalaya@gmail.com

GSTN: 09AEDPA0988G1ZL

विषय: रिप्लेसमेंट ऑफ एक्सिस्टिंग ओल्ड 02 न० x 160 KVA डी.जी. सेट्स एट फायर ट्रेनिंग सेंटर (FTC) एंड 02 न० x 50 KVA डी.जी. सेट्स एट NDB नजफगढ़ बाई न्यू डी.जी. सेट्स अलॉग विथ AMF पैनल।

**Sub: Replacement of existing old 02 nos. x 160 KVA D.G. Sets at Fire Training Centre (FTC) & 02 nos. x 15 KVA D.G. Sets at NDB Najafgarh by New DG sets along with AMF Panel.**

**Tender ID:- 2022\_AAI\_103668\_1 (Financial Bid opened on 17.03.2022)**

- 1) उपरोक्त कार्य हेतु आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है जोकि आपके द्वारा उद्धृत मूल्यों पर आपकी कुल राशि रुपये **₹85,69,860.00/-** (रुपये पचासी लाख उनहतर हजार आठ सौ साठ मात्र) जोकि जस्टीफाइड लागत रुपये **₹1,13,27,905.00/-** से **-24.35%** कम है (उद्धृत मूल्य में जीएसटी शामिल नहीं है)।

Your e-tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at item rates totaling to **Rs.85,69,860.00/- (Rupees Eighty Five Lakhs Sixty Nine Thousand Eight Hundred Sixty Only)** which is **-24.35% Below** the Justified cost of **Rs.1,13,27,905.00/- (The quoted rates are exclusive of GST).**

- 2) संयुक्त महाप्रबन्धक (अभि-विद्युत), आर.एच.व्यू., उ.क्षे., प्रचालन कार्यालय, रंगपुरी, नई दिल्ली - 110037 इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप अपनी ओर से एक विश्वसनीय प्रतिनिधि नियुक्त करें जो क़राणामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक **12/04/2022** तक संयुक्त महाप्रबन्धक (अभि-विद्युत), भा.वि.प्रा. आर.एच.व्यू., उ.क्षे., प्रचालन कार्यालय, रंगपुरी, नई दिल्ली के कार्यालय में उपस्थित हो तथा क़राणामे को पूरा करें। ठेके का क़राणामा रुपये 100/- के नोनजुडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जाएगा।

**Joint General Manager Engg.(E), RHQ, NR, Operational Offices, Rangpuri, New Delhi - 110037** will be Engineer-in-Charge of work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf in the O/o **Joint General Manager Engg.(E), AAI, RHQ, NR** to sign & complete the agreement on or before **12/04/2022**. The contract agreement shall be executed on a non-judicial stamp paper of value of **₹100/-** and the cost of the stamp paper shall be borne by you.

*Amku*  
28/3/22



- 3) आपके टेंडर के साथ प्राप्त बयाना राशि **₹1,71,593.00/-** (रुपये एक लाख इकहतर हजार पाँच सौ तिरानवे मात्र) को करार दस्तावेज क्लॉज़ न. 1A, पेज न. 16 ऑफ जीसीसी के अनुसार प्रतिभूति जमा राशि के रूप में माना जाएगा। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर धरोहर राशि **₹6,85,393.00/-** (रुपये छः लाख पचासी हजार तीन सौ तिरानवे मात्र) जमा कर दे अन्यथा ठेके के करारनामे में दी गई शर्त के अनुसार इतनी ही राशि आपके रनिंग बिल में से काट ली जाएगी।

*The Earnest Money amount of **Rs.1,71,593.00/-** (Rupees One Lakh Seventy One Thousand Five Hundred Ninety Three Only) received Online along with your tender will be treated and converted as part of Security Deposit as per Clause No. 1A, Page No. 16 of GCC. Please deposit **Rs.6,85,393.00/-** (Rupees Six Lakhs Eighty Five Thousand Three Hundred Ninety Three Only) towards Security Deposit within 10 days from the date of issue of this letter failing which, the same shall be deducted from your running bills as per conditions of the contract document.*

- 4) आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों के 1970 अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) एवं केंद्र और राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधान का अनुपालन करें।

*You are requested to comply with the Provisions of Contract Labour (Regulation and Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central Rules 1971 & Minimum Wages Act & Rules there of Central & State Governments.*

- 5) आपको निर्देश दिया जाता है कि तुरंत **वरिष्ठ प्रबन्धक (अभि-विद्युत), भा.वि.प्रा. आर.एच.व्यू., उ.क्षे.,** से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे। कृपया नोट कर ले कि काम करने का निर्धारित समय **तीन (03) महीने** है जोकि इस कार्य आदेश ऑर्डर के जारी करने के दस दिन बाद से गिना जाएगा।

*You are directed to contact **Senior Manager Engg(E), AAI, RHQ, NR** immediately for taking over the site. Please note that the time allowed for carrying out the work is **Three (03) Months** which shall be reckoned from tenth day from date of issue of this work order.*

- 6) इस ठेके के संबंध में आने का कोई भी पत्राचार **संयुक्त महाप्रबन्धक (अभि-विद्युत), ए.ए.आई., आरएचव्यू, उ.क्षे., प्रचालन कार्यालय, रंगपुरी, नई दिल्ली - 110 037** के पते पर किया जाए।

*Any further correspondence in connection with this contract should normally be addressed to **Joint General Manager Engg.(E), AAI, RHQ, NR, Operational Offices, Rangpuri, New Delhi - 110037.***

- 7) उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।

*All the letters referred above shall form part of contract.*

- 8) ठेके की दोष दायित्व अवधि **एक (01) वर्ष** होगी जोकि कार्य समाप्ति की तिथि से गिना जाएगा।

*The defect liability period shall be **One (01) Year** which shall be reckoned from the date of completion of work.*

*Amku*  
*28/3/22*



- 9) कहीं भी हिन्दी या अँग्रेजी संस्करण में अंतर या अस्पष्टता के मामले में, अँग्रेजी संस्करण मान्य होगा।  
*If there is any difference or ambiguity in Hindi or English version anywhere, the English version shall prevail.*
- 10) कृपया इस कार्य आदेश की प्राप्ति को स्वीकार करें और स्वीकृति के टोकन के रूप में अधोहस्ताक्षरी को हस्ताक्षर करने के बाद इस पत्र की डुप्लिकेट कॉपी को संलग्न करें।  
*Please acknowledge the receipt of work order and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.*

भवदीय/Yours faithfully

वरिष्ठ प्रबंधक (अभि-वि) / *Senior Manager Engg. (E)*  
एएआई, क्षे.मु., उ.क्षे./ *AAI, RHQ, NR.*

संलग्न / *Encl:- एसओव्यू/SOQ (13 Pages)*

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## Item Rate BoQ

**Tender Inviting Authority:** Senior Manager Engg.(E), AAI Operational Offices, RHQ, NR, Rangpuri, New Delhi.

**Name of Work:** Replacement of existing old 02 nos. x 160 KVA D.G. Sets at Fire Training Centre (FTC) & 02 nos. x 15 KVA D.G. Sets at NDB Najafgarh by New DG sets along with AMF Panel.

**Tender ID No.:** 2022\_AAI\_103668\_1

Name of the Bidder /Bidding Firm/ Company : HIMALAYA GENERATORS

## PRICE SCHEDULE

| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words |
| 1        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                     |
| 1        | <p>S.I.T.C. of "Silent Type" DG set comprising of following :-</p> <p>(i) 1 No. Alternator suitable for generating 256 KW / 320 KVA power at 0.8 pf, 415 V, 3 phase, 50 Hz, 1500RPM, self excited, self regulated &amp; self ventilated with brushless excitation &amp; conforming to IS 4722 &amp; BS-2613 all complete as required.</p> <p>(ii) 1 No. multi cylinder, 4 stroke, turbo charged water cooled diesel engine developing suitable BHP at 1500rpm suitable for above alternator &amp; complete with all accessories i.e. base frame, fly wheel, air cleaner, coupling, starting equipment, arm pads, batteries, radiator, speed governing mechanism to keep correct frequency at all operating conditions well within limits laid down in relevant BS/IS for class AI governing with amended upto date &amp; anti-vibration pads, batteries etc. complete as required.</p> |                  |          |        |                                         |                                                                   |                                 |                       |

*Handwritten signature and date*  
20/3/22

| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                    |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words     |
| 1        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                         |
| 1.01     | (iii) 1 no. AMF panel suitable for operation on 415V, 3 phase, 50 Hz, AC supply in conjunction with 'Mains' & "Generating Set" for providing continuous power supply with a break not exceeding 15 sec. with PLC based control system. Supplying & Laying control cable (10 core x 2.5 sqmm copper conductor) connection and inter-connection etc. and having manual draw out type Four Pole motorised ACBs of 630 Amps for mains and alternator each and comprising of battery charger/bank & relays, meters, bypass/ changeover arrangement etc. all as reqd. and as specified.<br>(iv) 1 No. in-built fuel tank complete with connecting pipe, valves, fuel level indicator device, base plate etc. & having capacity as per OEM standard complete as required. |                  |          |        |                                         |                                                                   |                                 |                           |
| 1.02     | (v) 12V/24V DC starting system comprising of starter motors: voltage regulator and arrangement for initial excitation complete with suitable nos. of batteries 180Amp. hour capacity complete as required.<br>(vi) Accoustic & weather proof enclosure with arrangement for fresh air intake for cooling of the engine & alternator, extraction, discharging hot air into the atmosphere as per specifications.                                                                                                                                                                                                                                                                                                                                                    | Item 1.02        | 2.000    | Job    | INR                                     | 2150000.00                                                        | 4300000.00                      | INR Forty Three Lakh Only |

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28/3/22

| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                                 |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words                  |
| 1        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                                      |
| 2        | Interconnection of two no.(02) AMF panels of 320 KVA DG sets as required along with provision of Bus Coupler between two AMF Panel by providing & fixing necessary panel, Busbar of 800 Amp., 4 Pole electrically operated drawout type Air Circuit Breaker with micro-processor based release for O/C, S/C, E/F + U/V coil + shunt trip + 4 NO + 4NC contactors, auxilliary contactors, MCBs, inter-connections & integration with existing PLC/ AMF Panel as per site requirement i/c testing, commissioning complete etc. as required.                                                                                                                                                                                                                                                                                                        | Item 2           | 1.000    | Job    | INR                                     | 225000.00                                                         | 225000.00                       | INR Two Lakh Twenty Five Thousand Only |
| 3        | S.I.T.C. of "Silent Type" DG set comprising of following :-<br>(i) 1 No. Alternator suitable for generating 40KW / 50 KVA power at 0.8 pf, 415 V, 3 phase, 50 Hz, 1500RPM, self excited, self regulated & self ventilated with brushless excitation & conforming to IS 4722 & BS-2613 all complete as required.<br>(ii) 1 No. multi cylinder, 4 stroke, turbo charged water cooled diesel engine developing suitable BHP at 1500rpm suitable for above alternator & complete with all accessories i.e. base frame, fly wheel, air cleaner, coupling, starting equipment, arm pads, batteries, radiator, speed governing mechanism to keep correct frequency at all operating conditions well within limits laid down in relevant BS/IS for class AI governing with amended upto date & anti-vibration pads, batteries etc. complete as required. |                  |          |        |                                         |                                                                   |                                 |                                        |

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*28/3/22*

| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                        |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words         |
| 1        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                             |
| 3.01     | (iii) 1 no. AMF panel suitable for operation on 415V, 3 phase, 50 Hz, AC supply in conjunction with 'Mains' & 'Generating Set' for providing continuous power supply with a break not exceeding 15 sec. with PLC based control system. Supplying & Laying control cable (10 core x 2.5 sqmm copper conductor) connection and inter-connection etc. and having Four Pole MCCB of 125 Amps for mains and alternator each & comprising of battery charger/ bank & relays, meters, contactor, bypass/ changeover arrangement etc. all as reqd. & as specified.                                         |                  |          |        |                                         |                                                                   |                                 |                               |
| 3.02     | (iv) 1 No. in-built fuel tank complete with connecting pipe, valves, fuel level indicator device, base plate etc. & having capacity as per OEM standard complete as required.<br>(v) 12V/24V DC starting system comprising of starter motors: voltage regulator & arrangement for initial excitation complete with suitable nos. of batteries of 120 Amp. hour capacity complete as required.<br>(vi) Accoustic & weather proof enclosure with arrangement for fresh air intake for cooling of the engine & alternator, extraction, discharging hot air into the atmosphere as per specifications. | Item 3.02        | 2.000    | Job    | INR                                     | 650000.00                                                         | 1300000.00                      | INR Thirteen Lakh Only        |
| 4        | Interconnection of two nos. AMF panels of 50 KVA DG Sets along with provision of Bus Coupler between two AMF Panel by providing & fixing necessary panel, Busbar, 125Amp, 4 Pole MCCB with micro-processor based release, interconnections & integration with existing PLC/ AMF Panel as per site requirement i/c testing, commissioning complete etc. as required.                                                                                                                                                                                                                                | Item 4           | 1.000    | Job    | INR                                     | 95000.00                                                          | 95000.00                        | INR Ninety Five Thousand Only |

| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                             |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words              |
| 1        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                                  |
| 5.00     | S.I.T.C. of calibrated HSD buffer/service tank, rectangular MS (IS:226) construction with following litres capacity complete with flanged inlet & outlet, overflow, drain, vent, mechanical level indicator, 450mm dia access hole on top with cover, flame arrestor. Tank will be made out of 3mm MS sheet & will be provided with structural support to keep tank base at (2000mm) above FFL with access ladder arrangement, painting etc. complete as required. |                  |          |        |                                         |                                                                   |                                 |                                    |
| 5.01     | (a) 200 Litres.                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Item 5.01        | 2.000    | Each   | INR                                     | 30000.00                                                          | 60000.00                        | INR Sixty Thousand Only            |
| 5.02     | (b) 500 Litres.                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Item 5.02        | 2.000    | Each   | INR                                     | 57500.00                                                          | 115000.00                       | INR One Lakh Fifteen Thousand Only |
| 6        | Dismantling of existing 160 KVA-02 Nos., 15 KVA-02 Nos. DG sets along with their associated AMF Panels, HSD Buffer/ Service Tank, cable/gland etc. complete with all accessories, fitting etc. at Fire Training Centre & Najafgarh site i/c shifting the dismantled DG sets with AMF panels, HSD Buffer/ Service Tank, Cables etc. to AAI store area complete with transporting & crane for loading & unloading etc. as required as per the direction of E-I-C.    | Item 6           | 1.000    | Job    | INR                                     | 15000.00                                                          | 15000.00                        | INR Fifteen Thousand Only          |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                |
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| 1        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                     |
| 7.00     | Design, fabrication, assembling, supply, installation, testing & commissioning of Indoor type, floor mounted, cubicle LT panels suitable for 415 V, 3 phase, 4 wire 50 Hz AC supply system fabricated in compartmentalized design from CRCA sheet steel of 2 mm thick for frame work IP 42 degree of protection & 3 mm thick for gland plates i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade, having 1000 A capacity of TPN Aluminium alloy busbar of high conductivity, DMC/SMC busbar supports, with bottom base channel of MS section not less than 100mm x 50 mm x 5 mm thick, entire panel shall have a common GI earthbar of size 50mm x 5 mm at the rear with 2 Nos. earth studs, solid connection from main busbar to switchgears with require size of aluminium busbar & control wiring with 2.5 sqmm FRLS insulated copper conductor cable, cable alleys, cable gland plates & all MCCBs shall be thermal magnetic release having overload, short circuit adjustable setting & (Ics = Icu) i/c accessories as per specification & providing switchgears, metering instruments etc. complete as required. |                  |          |        |                                         |                                                                   |                                 |                       |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                                  |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words                   |
| 1        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                                       |
| 7.01     | <p>INCOMER :-</p> <p>(i) 630 A, 36KA (at 415Volts), Four Pole, MCCB- 02 Nos. &amp; having Electrical and Mechanical interlocking with both incomers and Bus Coupler with extended terminal and rotary handle with castle key mechanical interlocks, red LED on indication.</p> <p>ii) Digital Voltmeter suitable range for 3 phase, 4 wire with LED display &amp; selector switch along with MCB back up- 02 Set.</p> <p>iii) LED Indication Lamps, R.Y.B - 02 Set</p> <p>iv) Digital Ammeter of suitable range (to measure 0-400 Amp), for 3 phase 4 wire with LED display and selector switch &amp; 3 nos class 1.0, 15 VA suitable range, CTs 400/5 A - 02 set.</p> <p>Bus Coupler- 630A, 36KA (at 415Volts), Four Pole, MCCB- 01 with extended terminal and rotary handle with castle key mechanical interlocks, red LED on indication.</p> <p>Aluminium TPN Bus Bar- 1000 A (1 Set)</p> |                  |          |        |                                         |                                                                   |                                 |                                         |
| 7.02     | <p>OUTGOING :-</p> <p>(i) 400 A, 36KA, Four Pole, MCCB - 02 Nos. with extended terminal and rotary handle with castle key mechanical interlocks, red LED on indication.</p> <p>(ii) 250 A, 25KA, Four Pole, MCCB - 02 Nos. with extended terminal and rotary handle with castle key mechanical interlocks, red LED on indication.</p> <p>(iii) 125 A, 25KA, Four Pole, MCCB - 02 Nos. with extended terminal and rotary handle with castle key mechanical interlocks, red LED on indication.</p> <p>(iv) 63 A, 25KA, Four Pole, MCCB - 02 Nos. with extended terminal and rotary handle with castle key mechanical interlocks, red LED on indication.</p>                                                                                                                                                                                                                                    | Item 7.02        | 1.000    | Job    | INR                                     | 525000.00                                                         | 525000.00                       | INR Five Lakh Twenty Five Thousand Only |

| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                                                |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                      | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words                                 |
| 1        | 2                                                                                                                                                                                                                                                                                     | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                                                     |
| 8.00     | Supply of 1.1 KV grade XLPE armoured aluminium conductor cable of following sizes & as per IS:7098-part-I specifications i/c loading/unloading & transportation of cables etc. complete as required:                                                                                  |                  |          |        |                                         |                                                                   |                                 |                                                       |
| 8.01     | (a) 3½ C x 300 sqmm                                                                                                                                                                                                                                                                   | Item 8.01        | 300.000  | Mtr.   | INR                                     | 1625.00                                                           | 487500.00                       | INR Four Lakh Eighty Seven Thousand Five Hundred Only |
| 8.02     | (b) 4 C x 25 sqmm                                                                                                                                                                                                                                                                     | Item 8.02        | 150.000  | Mtr.   | INR                                     | 225.00                                                            | 33750.00                        | INR Thirty Three Thousand Seven Hundred & Fifty Only  |
| 9.00     | Laying of one number PVC insulated & PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required.                                                         |                  |          |        |                                         |                                                                   |                                 |                                                       |
| 9.01     | (a) Upto 35 sq. Mm                                                                                                                                                                                                                                                                    | Item 9.01        | 50.000   | Mtr.   | INR                                     | 175.00                                                            | 8750.00                         | INR Eight Thousand Seven Hundred & Fifty Only         |
| 9.02     | (b) Above 185 sqmm & upto 400 sqmm                                                                                                                                                                                                                                                    | Item 9.02        | 100.000  | Mtr.   | INR                                     | 200.00                                                            | 20000.00                        | INR Twenty Thousand Only                              |
| 10.00    | Laying of one number additional PVC insulated & PVC sheathed/ XLPE power cable of 1.1 KV grade of following size direct in ground in same trench in one tier horizontal formation including excavation, sand cushioning, protective covering & refilling the trench etc. as required. |                  |          |        |                                         |                                                                   |                                 |                                                       |
| 10.01    | (a) Upto 35 sq.mm                                                                                                                                                                                                                                                                     | Item 10.01       | 10.000   | Mtr.   | INR                                     | 175.00                                                            | 1750.00                         | INR One Thousand Seven Hundred & Fifty Only           |
| 10.02    | (b) Above 185 sqmm & upto 400 sqmm                                                                                                                                                                                                                                                    | Item 10.02       | 100.000  | Mtr.   | INR                                     | 200.00                                                            | 20000.00                        | INR Twenty Thousand Only                              |

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| NUMBER # | TEXT #                                                                                                                                                       | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                              |
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| Sl. No.  | Item Description                                                                                                                                             | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words               |
| 1        | 2                                                                                                                                                            | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                                   |
| 11.00    | Laying of one number PVC insulated & PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC / HUME / METAL pipe as required:- |                  |          |        |                                         |                                                                   |                                 |                                     |
| 11.01    | (a) Upto 35 sq.mm                                                                                                                                            | Item 11.01       | 12.000   | Mtr.   | INR                                     | 35.00                                                             | 420.00                          | INR Four Hundred & Twenty Only      |
| 11.02    | (b) Above 185 sqmm & upto 400 sqmm                                                                                                                           | Item 11.02       | 12.000   | Mtr.   | INR                                     | 50.00                                                             | 600.00                          | INR Six Hundred Only                |
| 12.00    | Laying of one number PVC insulated & PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required:-       |                  |          |        |                                         |                                                                   |                                 |                                     |
| 12.01    | (a) Upto 35 sq.mm                                                                                                                                            | Item 12.01       | 12.000   | Mtr.   | INR                                     | 35.00                                                             | 420.00                          | INR Four Hundred & Twenty Only      |
| 12.02    | (b) Above 185 sqmm & upto 400 sqmm                                                                                                                           | Item 12.02       | 12.000   | Mtr.   | INR                                     | 50.00                                                             | 600.00                          | INR Six Hundred Only                |
| 13.00    | Laying & fixing of one number PVC insulated & PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required:-                |                  |          |        |                                         |                                                                   |                                 |                                     |
| 13.01    | (a) Upto 35 sqmm (clamped with 1mm thick saddle)                                                                                                             | Item 13.01       | 20.000   | Mtr.   | INR                                     | 65.00                                                             | 1300.00                         | INR One Thousand Three Hundred Only |
| 13.02    | (b) Above 185 sqmm & upto 400 sqmm (clamped with 40x3mm MS flat clamp)                                                                                       | Item 13.02       | 12.000   | Mtr.   | INR                                     | 85.00                                                             | 1020.00                         | INR One Thousand & Twenty Only      |
| 14.00    | Laying & fixing of one number PVC insulated & PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required.                   |                  |          |        |                                         |                                                                   |                                 |                                     |
| 14.01    | (a) Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)                                                                                 | Item 14.01       | 200.000  | Mtr.   | INR                                     | 50.00                                                             | 10000.00                        | INR Ten Thousand Only               |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                 | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                                        |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                       | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words                         |
| 1        | 2                                                                                                                                                                                                                                                                                      | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                                             |
| 15.00    | Supplying & making end termination with brass compression gland & aluminium lugs for following size of PVC insulated & PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade as required.                                                                                        |                  |          |        |                                         |                                                                   |                                 |                                               |
| 15.01    | (a) 4 C x 25 sq.mm                                                                                                                                                                                                                                                                     | Item 15.01       | 6.000    | Each   | INR                                     | 250.00                                                            | 1500.00                         | INR One Thousand Five Hundred Only            |
| 15.02    | (b) 3½ C x 300 sq.mm                                                                                                                                                                                                                                                                   | Item 15.02       | 10.000   | Each   | INR                                     | 875.00                                                            | 8750.00                         | INR Eight Thousand Seven Hundred & Fifty Only |
| 16       | Earthing with G.I. earth plate 600mm x 600mm x 6mm thick i/c accessories & providing masonry enclosure with cover plate having locking arrangement & watering pipe of 2.7 metre long etc. with charcoal/coke & salt etc. as required.                                                  | Item 16          | 8.000    | Set    | INR                                     | 4500.00                                                           | 36000.00                        | INR Thirty Six Thousand Only                  |
| 17       | Earthing with copper earth plate 600mm x 600mm x 3mm thick i/c accessories & providing masonry enclosure with cover plate having locking arrangement & watering pipe of 2.7 metre long etc. with charcoal/coke and salt as required.                                                   | Item 17          | 8.000    | Set    | INR                                     | 8500.00                                                           | 68000.00                        | INR Sixty Eight Thousand Only                 |
| 18       | Supplying & laying 25 mm x 5 mm copper strip at 0.50 metre below ground as strip earth electrode i/c connection / terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping & with 2 sets of brass nut bolt & spring washer spaced at 50mm). | Item 18          | 100.000  | Mtr.   | INR                                     | 850.00                                                            | 85000.00                        | INR Eighty Five Thousand Only                 |
| 19       | Supplying & laying 25mm x 5mm G.I strip at 0.50 metre below ground as strip earth electrode i/c connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping & with 2 sets of G.I. nut bolt & spring washer spaced at 50mm).   | Item 19          | 100.000  | Mtr.   | INR                                     | 175.00                                                            | 17500.00                        | INR Seventeen Thousand Five Hundred Only      |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                      | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                                   |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                            | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words                    |
| 1        | 2                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                                        |
| 20       | Providing & fixing 25 mm x 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode i/c connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.                                                                                                                                                                                                                                    | Item 20          | 70.000   | Mtr.   | INR                                     | 1100.00                                                           | 77000.00                        | INR Seventy Seven Thousand Only          |
| 21       | Providing & fixing 25mm x 5mm G.I. strip in 40mm dia G.I. pipe from earth electrode i/c connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.                                                                                                                                                                                                                                          | Item 21          | 70.000   | Mtr.   | INR                                     | 300.00                                                            | 21000.00                        | INR Twenty One Thousand Only             |
| 22       | Providing & fixing 25 mm x 5 mm copper strip on surface or in recess for connections etc. as required.                                                                                                                                                                                                                                                                                                                      | Item 22          | 50.000   | Mtr.   | INR                                     | 850.00                                                            | 42500.00                        | INR Forty Two Thousand Five Hundred Only |
| 23       | Providing & fixing 25 mm x 5 mm G.I. strip on surface or in recess for connections etc. as required.                                                                                                                                                                                                                                                                                                                        | Item 23          | 50.000   | Mtr.   | INR                                     | 150.00                                                            | 7500.00                         | INR Seven Thousand Five Hundred Only     |
| 24       | Providing & fixing MV danger notice plate of 200mm x 150mm made of mild steel at least 2mm thick and vitreous enamelled white on both sides & with inscription trilingual in single red colour on front side as required.                                                                                                                                                                                                   | Item 24          | 8.000    | Each   | INR                                     | 125.00                                                            | 1000.00                         | INR One Thousand Only                    |
| 25       | Providing & laying in position cement concrete 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc. i/c form work etc as required.                                                                                                                                                                                                                              | Item 25          | 30.000   | Cum    | INR                                     | 4500.00                                                           | 135000.00                       | INR One Lakh Thirty Five Thousand Only   |
| 26       | Supply & fixing of 3.3 KV grade class-A 1 mtr. wide of nominal 2.0mm $\pm$ 10% thick insulated synthetic mat conforming to IS:15652:2006 & meeting the requirements of IS:5216 (Part- 1, 2 & 3) IS 8437, IEC-179 Pub-1, along with suitable adhesive/ chemi-bound, PU resin, waterproofing compound & celing material as per recommendation of the manufacturer & as per specifications & directions of Engineer-in-charge. | Item 26          | 20.000   | Sqmtr  | INR                                     | 400.00                                                            | 8000.00                         | INR Eight Thousand Only                  |

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| NUMBER # | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TEXT #           | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                                  |
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| Sl. No.  | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Item Code / Make | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words                   |
| 1        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                                       |
| 27       | <b>S.I.T.C. of diesel engine driven Main Fire Pump</b> suitable for automatic operation & consisting of following, complete in all respects, as required : <b>(Diesel Driven Pump equivalent to kirloskar make model no. DSM125/40)</b><br>Horizontal type, multistage, centrifugal pump of cast of iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. Suitable HP, 1500 RPM water cooled with adiator, diesel engine conforming to relevant IS standard complete with auto starting mechanism, 12 /24 volts electric starting equipment, diesel tank, exhaust pipe extended upto 10 m outside pump house duly insulated with 50 mm thick glass wool with 1.0 mm thick aluminium sheet cladding, residential silencer, instruments & protection as per standard specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. M.S fabricated, common base plate, coupling, coupling guard, foundation bolts etc. as required. Suitable cement concrete foundation duly plastered and with anti vibration pads.<br><b>(a) 2850 lpm at 70 m Head</b> | Item 27          | 1.000    | Set    | INR                                     | 675000.00                                                         | 675000.00                       | INR Six Lakh Seventy Five Thousand Only |
| 28       | <b>S.I.T.C. of Electric driven pressurisation pump</b> suitable for automatic operation & consisting of following, complete in all respects as required : <b>(Jockey Pump equivalent to Beacon make Model no. BCP 32/260)</b><br>Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS : 1520. Suitable HP squirell cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS : 325. M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. Suitable cement concrete foundation duly plastered and with anti vibration pads.<br><b>(a) 180 lpm at 70 m Head.</b>                                                                                                                                                                                                                                                                                                                      | Item 28          | 1.000    | Set    | INR                                     | 150000.00                                                         | 150000.00                       | INR One Lakh Fifty Thousand Only        |

| NUMBER #                    | TEXT #                                                                                                                                                                                                                                                                                                                                          | TEXT #                                                                         | NUMBER # | TEXT # | TEXT #                                  | NUMBER #                                                          | NUMBER #                        | TEXT #                                                                         |
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| Sl. No.                     | Item Description                                                                                                                                                                                                                                                                                                                                | Item Code / Make                                                               | Quantity | Units  | Quoted Currency in INR / Other Currency | BASIC RATE In Figures to be entered by the Bidder (Exclusive GST) | TOTAL AMOUNT (Exclusive of GST) | TOTAL AMOUNT In Words                                                          |
| 1                           | 2                                                                                                                                                                                                                                                                                                                                               | 3                                                                              | 4        | 5      | 6                                       | 7                                                                 | 8                               | 9                                                                              |
| 29                          | Dismantling of existing Jockey Pump-01 No. & Diesel Enginer Driven Fire Main Pump-01 No., complete with all accessories, fitting, cabling, wiring etc. at Fire Training Centre i/c shifting the dismantled items to AAI store area complete with transporting & crane for loading and unloading etc. as required as per the direction of E-I-C. | Item 29                                                                        | 1.000    | Job    | INR                                     | 15000.00                                                          | 15000.00                        | INR Fifteen Thousand Only                                                      |
| <b>Total in Figures</b>     |                                                                                                                                                                                                                                                                                                                                                 |                                                                                |          |        |                                         |                                                                   | <b>8569860.00</b>               | <b>INR Eighty Five Lakh Sixty Nine Thousand Eight Hundred &amp; Sixty Only</b> |
| <b>Quoted Rate in Words</b> |                                                                                                                                                                                                                                                                                                                                                 | <b>INR Eighty Five Lakh Sixty Nine Thousand Eight Hundred &amp; Sixty Only</b> |          |        |                                         |                                                                   |                                 |                                                                                |

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28/02/22

Signature Not Verified

Digitally signed by ARUN KUMAR

Date: 2022.04.06 15:23:37 IST

Location: eProcurement System for Central PSUs

