

Ref. No. AAI/RPR/SM/ENGG (E)/CW/WO-02/2021-22/

Date: 05.07.2021

By Speed Post/E-mail

सेवा में,

मेसर्स ओम ज्योति इंजिनियरिंग इन्टरप्राइजेस,
डी-239, सेक्टर 10, जी.बी. नगर,
नोइडा (उ.प.)- 201301

M/s Om Jyoti Engineering Enterprises
D-239, Sector 10, G.B. Nagar
Noida (U.P.)- 201301

कार्य का नाम:- “स्वामी विवेकानंद हवाई अड्डा रायपुर पर स्टैंडबाय हाइड्रो न्यूमेटिक वॉटर पम्पींग सिस्टम का प्रावधान”

Name of work: - “Provision of standby hydro-pneumatic water pumping system at S. V. Airport, Raipur.”

संदर्भ/Ref:- आपकी ई.निविदा जो 22.06.2021 को खोली गई/ Your e- tender opened on 22.06.2021.

महोदय/ Sir,

1. उल्लिखित कार्य हेतु आपकी ई.निविदा के संबंध में आपके द्वारा उद्धरीत कुल रु. 8,20,200.00 (रुपये आठ लाख बीस हजार दो सौ मात्र) (जी. एस. टी. रहित), जो कि आंकलन लागत राशि रु. 9,43,201.00 (रुपये नौ लाख तीरालीस हजार दो सौ एक मात्र) (जी. एस. टी. रहित) से (-)13.04 % कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है।

Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling of Rs. 8,20,200.00 (**Rupees Eight Lacks Twenty Thousand Two Hundred Only**) (excluding GST), which is (-)13.04 % below the estimated cost put to tender of Rs. 9,43,201.00 (**Rupees Nine Lacks Forty Three Thousand Two Hundred and One Only**) (excluding GST).

2. वरिष्ठ प्रबंधक (अभि-वि), भाविप्रा, स्वामी विवेकानंद हवाईअड्डा, रायपुर, उपरोक्त कार्य के प्रभारी होंगे। आपसे निवेदन है कि आप वरिष्ठ प्रबंधक (अभि-वि) भाविप्रा, स्वामी विवेकानंद हवाईअड्डा, रायपुर, के कार्यालय में दिनांक 15.07.2021 को उपस्थित रहकर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। ठेका करार का निष्पादन एक सौ रुपए मूल्य के गैर अदालती स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

SM Engg (E), AAI, Swami Vivekananda Airport, Raipur, shall be the Engineer – In-charge of the work. You are requested to attend the office of SM Engg (E) AAI, Swami Vivekananda Airport, Raipur by 15.07.2021 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees one hundred only) and the cost of the stamp paper shall be borne by you.

3. आपसे अनुरोध है कि आप ठेका श्रमिक (विनिमय एवं उन्मुलन) अधिनियम 1970 के उपबन्धों का अनुपालन करें। साथ ही ठेका श्रमिक (विनिमय एवं उन्मुलन) केन्द्रीय नियमावली 1971 एवं केन्द्रीय एवं राज्य सरकारों के न्यूनतम वेतन तथा उससे सम्बन्धित अन्य नियमों का पालन करें।

You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central rules 1971 and minimum wages act and rules of Central and State Governments, with its upto date amendments thereof.



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

4. आपको यह भी निर्देश दिया जाता है कि आप प्रबंधक (अभि.वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर, से अविलम्ब सम्पर्क करें जो आपको कार्यस्थल सौंपेंगे।
You are also directed to contact Mgr. (Engg-E), AAI, S.V. Airport, Raipur, immediately who will arrange to hand over the site to you.
5. कृपया यह भी नोट कर लें कि निविदा के अनुसार कार्य निष्पादन हेतु अनुगत समय 45 (पैंतालीस) दिन है जो कि दिनांक 15.07.2021 से माना जायेगा।
Please note that the time allowed for carrying out the work shall be 45 (Forty Five) Days and same will be reckoned from 15.07.2021.
6. इस ठेके से संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए कार्य के प्रभारी को संबंधित करेंगे।
Any further correspondence in connection with the contract should normally be addressed to the Engineer - in- charge.
7. कृपया इस पत्र कि प्राप्ति सूचना दे तथा इसके साथ संलग्न अनुप्रति पर हस्ताक्षर करके टोकन के प्रतिग्रहण के रूप में अधोहस्ताक्षरी को वापस भेज दें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.
8. कार्यआदेश के संबंध में किसी प्रकार की टंकणीय त्रुटि/विसंगति होने पर अंग्रेजी संस्करण मान्य होगा।
With reference to this work order, if in case of any typographical mistake/discrepancy arise, the English version shall be applicable final.

धन्यवाद / Thanking you,
संलग्न / Encl: Schedule

भवदीय / Yours faithfully,

वरिष्ठ प्रबंधक (अ-वि) / Senior Manager [E-E]
एएआई, स्वामी विवेकानंदा, हवाई अड्डा, रायपुर / AAI, S. V. Airport, Raipur



Airports Authority of India
Engineering Wing (Electrical)
Swami Vivekananda Airport, Raipur

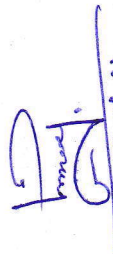
SCHEDULE OF QUANTITY

Name of Work : Provision of standby hydro pneumatic water pumping system at S.V. Airport, Raipur.

Sr. No.	Description of Item	Unit	Qty.	Rate (in Rs.) Excluding GST	Amount (in Rs.)
1	Supply, Installation, Testing and Commissioning of factory made (at the mother plant) package type skid mounted hydro pneumatic system comprising of: (a) Vertical inline single/multistage centrifugal pumping set with stainless steel SS stage casing and SS impellers with stainless steel shaft, cast iron suction & discharge casing, connected to suitable capacity TEFC ventilated induction motor 2 pole, 2900rpm, suitable for 415+10% Volt, 3 phase, 50 Hz A.C. supply. (b) Pressure vessel of non-corrosive FRP composite construction lined with NSF and/or FDA listed material, like high density polyethylene with fully replaceable polyurethane. Air cell burst pressure of minimum of 5 times the vessel. Operating pressure and cycle tested for 2,50,000 cycles. No. and capacity of Pressure Vessel - 01 No. X 100Ltrs. (c) Electrical Control Panel including provision for cyclic operation of Pumps-Pump working sequence should change after every operation. Control panel with programmable logic controller (PLC) with inbuilt PID controller, digital display with fluorescent screen, one no. 3 ph, 415±10%V, AC variable speed drive of suitable capacity rating with inbuilt EN5011 class A RFI filters, having standard function of BI loop, energy saving catching a spinning load with speed search, auto hunting jog preset speeds, controlled stop on loss of supply power loss side through, DDC injection breaking fast stop. Drive should have selectable rated Input frequency 50/60 Hz and output frequency range of 0.5-32 Hz, contactors, overload relays and MCBs should conform to. IEC 898- 1995 standards Ammeter, voltmeter. All trip indications should blink in case of trip and panels should only be accessible through an access code. (d) Electronic Pressure switches having maximum pressure and differential scale should be confirming BS-6134 standards and IP55 protection class. (e) Complete set system to be mounted on a common MS Epoxy painted base frame and shall follow following duty. (f) The cost will include making necessary flanges suction and delivery headers in SS 316/MS Galvanized, providing ball/butterfly valves at suction and delivery side, non-return valves in delivery side and SS/ Brass Y strainers, SS Needle Valve, SS Pressure Gauge, Brass Pressure Release valve, Pressure transmitter with each pump etc. (g) With proper foundation bolt holding the base frame with PCC foundation i/c minor piping work (Approx. Upto 10 Meter, 80 mm Dia GI Piping Work) etc. (Vendor to submit performance curves and technical catalog of the proposed modal for review & information) The pump shall be selected for performance at best efficiency point. However, the pump selection shall be suitable for performance with set point @ + 20% of the rated head.				
1.1	Domestic Water Capacity: 250 LPM Each Pump (1 Working + 1 Standby) @ 36 M head. Similar to Wilo Helix FIRST V 1605-5/16/E/S/400-50 or Kirlskar HYPN KCIL15-3 or equivalent.	Job	1	3,21,000.00	3,21,000.00
1.2	Flushing Water Capacity: 450 LPM Each Pump (1 Working + 1 Standby) @ 40 M head. Similar to Wilo Helix FIRST V 3602-5/16/E/S/400-50 or Kirlskar HYPN KCIL32-3-2 or equivalent.	Job	1	4,57,000.00	4,57,000.00

Sr. No.	Description of Item	Unit	Qty.	Rate (in Rs.) Excluding GST	Amount (in Rs.)
2	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	Cum	2	7,500.00	15,000.00
3	Supply of following sizes Aluminium Armoured conductor XLPE insulated, PVC tape inner sheathed Cable for working voltage 1.1 KV grade & as per IS: 7098 (Part- I) 1988 with up to date ammendments, complete etc as required. 4 core X 16 Sqmm	mtr.	75	180.00	13,500.00
4	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required. Upto 35 sq. mm (clamped with 1mm thick saddle)	mtr.	75	80.00	6,000.00
5	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 4 core X 16 Sqmm	Set	4	800.00	3,200.00
6	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	mtr.	75	60.00	4,500.00
Total Rs.					8,20,200.00

(Rupees Eight Lacks Twenty Thousand and Two Hundred only/-)


 Sr. Manager (E- E)
 AAI, S. V. Airport, Raipur

Signature Not Verified

Digitally signed by PRAMOD SONI
 Date: 2021.07.19 12:55:36 IST
 Location: eProcurement System for
 Central PSUs