



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

स0न0: भाविप्रा/एसएपी/इंजी(वि)/निर्जलीकरण पंप/डब्ल्यू ओ-161/2023-24/3712-19 दिनांक: 19.05.2023
Ref. No. AAI/SAP/Engg(E)/Dewateringpumps/W.O-161/2023-24/ Dt. 19.05.2023

सेवा में,

मै. अनु इंजीनियरिंग कार्पोरेशन,
सी-36, दुग्गल कॉलोनी, खानपुर
देवली रोड, नई दिल्ली - 110062

M/s Anu Engineering Corporation,
C-36, Duggal Colony, Khanpur
Devli Road, New Delhi - 110062

विषय: सफदरजंग हवाई अड्डा, नई दिल्ली में विभिन्न स्थानों पर निर्जलीकरण पंप का प्रावधान।
उपशीर्ष: विद्युत कार्य।

Subject:- Provision of dewatering pumps at various locations at Safdarjung Airport, New Delhi.
SH:- Electrical works.

संदर्भ i) आपकी खोली गई ई-निविदा दिनांक 17.05.2023. (Bid Invitation No: 2023_AAI_151684_1).
Ref: Your e-bid opened on 17.05.2023.

महोदय,

- उपरोक्त कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए आइटम मूल्यों पर आपका टेंडर कुल ₹ 26,37,500/- (मात्र छब्बीस लाख सैंतीस हजार पाँच सौ रुपये) है जो कि अनुमानित/उचित लागत राशि ₹ 31,67,188/- से 16.72% कम है (जी.एस.टी. को छोड़कर)।
Your 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 to Rs. 26,37,500/- (Rupees Twenty Six Lakhs Thirty Seven Thousand and Five Hundred Only) which is 16.72% below from the estimated/Justified cost of Rs. 31,67,188/- (excluding GST).
- सहायक महा प्रबंधक अभियांत्रिकी (विद्युत), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली 110003, इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु 26.05.2023 तक सहायक महा प्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली-110003 के कार्यालय में उपस्थित हों। संविदा करार Rs. 100/- (मात्र सौ रुपये) के गैर न्यायिक (नॉन-जूडिशियल) स्टाम्प पेपर पर बनाया जाएगा तथा स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।
Asstt. Gen. Manager Engg (Electrical), Safdarjung Airport, New Delhi, shall be the Engineer-in-charge of the work. You are requested to attend the office of the Asstt. Gen. Manager Engg (Elect), AAI, Safdarjung Airport, New Delhi by 26.05.2023 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs.100/- (Rupees one hundred only) and the cost of the stamp paper shall be borne by you.



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

3. आपकी निविदा के साथ प्राप्त Rs. 63,344/- (मात्र त्रेसठ हजार तीन सौ चवालीस रुपये) की अग्रिम धन राशि को संविदा दस्तावेज के पृष्ठ ई एन आई टी निविदा -3 पर एन.आई.टी. के खण्ड-16 के अनुसार प्रतिभूति जमा के रूप में प्रयुक्त तथा संपरिवर्तित किया जाएगा। कृपया इस पत्र के जारी होने की तिथि से 30 दिनों के भीतर शेष प्रतिभूति जमा के रूप में Rs. 2,00,406/- (मात्र दो लाख सत्रह हजार पांच सौ पंद्रह रुपये) जमा करें अन्यथा इस राशि की कटौती संविदा कागजात के पृष्ठ जी सी सी- 16 पर जी सी सी के खण्ड-1A के अनुसार आपके चालू बिलों से कर ली जाएगी।
The earnest money amount Rs. 63,344/- (Rupees Sixty Three Thousand Three Hundred and Forty Four Only) received along with your tender will be treated and converted as part of security deposit as per conditions at clause no. 16 on page no. E-NIT Tender - 3 of contract document. Please deposit Rs. 2,00,406/- (Rupees Two Lakhs Seventeen Thousand Five Hundred and Fifteen Only) towards security deposit within 30 days from the date of issue of this letter failing which, the same will be deducted from your running bill as per condition of clause no.- 1A at page no. GCC- 16 of the contract document.
4. आप से अनुरोध है कि आप संविदा श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971 एवं न्यूनतम मजदूरी अधिनियम के प्रावधानों और केन्द्रीय व राज्य सरकारों के तदसंबंधी नियमों का अनुपालन करें।
You are requested to comply with the provision of contract labour (Regulation & abolition) Act of 1970 and contract labour (Regulation & Abolition) Central Rules 1971 and minimum wages Act and Rules there of Central and state Govt.
5. आपका प्रबंधक (विद्युत) भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली से तत्काल संपर्क करने का भी निर्देश दिया जाता है। आपको कार्यस्थल (साइट) सौंपने का कार्य उनके द्वारा ही किया जाएगा।
You are also directed to contact Manager (Engg.-E), Airports Authority of India, Safdarjung Airport, New Delhi, immediately who will arrange to hand over the site to you.
6. कृपया नोट करें कि कार्य पूरा करने के लिए आपको **04 (चार)** महीने, का समय प्रदान किया जाता है। जोकि दिनांक **28-05-2023** से प्रारम्भ माना जाएगा।
Please note that the time allowed for carrying out the work shall be **04 (Four)** months and same shall be reckoned from **28.05.2023**.
7. ई-निविदा में उठाए गए सभी प्रश्न, स्पष्टीकरण इत्यादि तथा उनका भा.वि.प्रा द्वारा दिया गया उत्तर भी अनुबंध का भाग होगा।
All queries, clarifications etc. raised during e-tendering process and replies there of shall also form part of the agreement.
8. संविदा के सम्बन्ध में भविष्य में किसी भी प्रकार का पत्र व्यवहार इंजीनियर-प्रभारी के नाम से किया जाएगा।
Any further correspondence in connection with the contract should be addressed to the Engineer In-Charge.

22/5/23



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

9. कृपया पत्र की पावती भेजें तथा साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप विधिवत हस्ताक्षर करके हमें वापस भेजें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signing it to the undersigned as a token of acceptance.
10. ठेके की त्रुटि दायित्व अवधि बारह महीने है जोकि कार्य समाप्ति की तिथि से गिना जाएगा।
The defect liability period is 12(Twelve) Months after actual date of completion.
11. जीएसटी प्रावधानों का अनुपालन न करने और किसी इनपुट क्रेडिट के अवरुद्ध होने की स्थिति में एएआई की क्षतिपूर्ति करना आपकी जिम्मेदारी होगी।
In case of non- compliance of GST provisions and blockage of any input credit, it shall be your responsibility to indemnify AAI.
12. जीएसटी को छोड़कर दरों में सभी कर शामिल हैं। हालांकि, जीएसटी, जैसा लागू हो, अनुबंध के नियमों और शर्तों के अनुसार वैध जीएसटी चालान के खिलाफ एजेंसी द्वारा एएआई को प्रदान की गई किसी भी कर योग्य आपूर्ति/सेवाओं/निर्माण के लिए ठेकेदार को भुगतान किया जाएगा।
The rates are inclusive of all taxes but excluding of GST. However, GST, as applicable, shall be paid to the contractor for any taxable supply/ services/ construction rendered by the agency to AAI against a valid GST invoices as per terms and conditions of the contract.
13. सभी इनपुट क्रेडिट आपके द्वारा एएआई को दिए जाएंगे।
All input credits will be passed on to AAI by you.
14. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।
In case of any discrepancy, English version will be taken as correct.

भवदीय
Yours faithfully

(एल.पी.एस. सोलंकी) / (L.P.S. Solanki)

सहायक महाप्रबन्धक अभि.(वि.) Asstt. G.M. Engg (E)
अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर एवं तरफ से
For & on behalf of Chairman, Airports Authority of India

संलग्न: शडयूल ऑफ कुएंन्टिटीज
Encl: Schedule of Quantities

Schedule of Work

Name of work:- Provision of dewatering pumps at various locations at Safdarjung Airport, New Delhi. SH:- Electrical works.

S. No.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
1	Providing, fixing and commissioning of non clog submersible dewatering pumpset having CI- Casing, CI -Impeller, Chrome steel Shaft, complete with all standard accessories suitable to operate on 400/440 volt 50 Hz AC supply complete as required of following capacity. Note:- Each pump set shall be supply alongwith 10mtr. cable, 5mtr MS lifting chain and 01No. foot plate.				
a)	Capacity /Flow : 60 m3/hr Head : 9.8 Mtrs Solid handling : 65 mm Make & Model :- KSB & Amarex INF 65-170/042 ULG- 152 or equivalent as per preferred make list.	Each	6	60500.00	363000.00
b)	Capacity /Flow : 140 m3/hr Head : 11 Mtrs Solid handling : 100 mm Make & Model :- KSB & KRTUPF 100-260/74 or equivalent as per preferred make list.	Each	4	103500.00	414000.00
c)	Capacity /Flow : 100 m3/hr Head : 7.5 Mtrs Solid handling : 100 mm Make & Model :- KSB & KRTUPF 100-215/44 or equivalent as per preferred make list.	Each	4	84500.00	338000.00
2	Providing, fixing and commissioning of non clog submersible dewatering pumpset having CI- Casing, CI -Impeller, Chrome steel Shaft, complete with all standard accessories suitable to operate on 230 volt ,50 Hz AC supply, complete as required of following capacity. Note:- Each pump set shall be supply alongwith 10mtr. cable, 5mtr MS lifting chain and 01No. foot plate.				
a)	Capacity /Flow : 12 m3/hr Head : 8 Mtrs Solid handling : 40 mm Make & Model :- KSB & AMAPORTER 501 SE or equivalent as per preferred make list.	Each	4	35000.00	140000.00
3	Supply of non clog submersible dewatering pumpset having CI- Casing, CI -Impeller, Chrome steel Shaft, complete with all standard accessories suitable to operate on 400/440 volt 50 Hz AC supply complete as required of following capacity. Note:- Each pump set shall be supply alongwith 10mtr. cable, 5mtr MS lifting chain and 01No. foot plate.				
a)	Capacity /Flow : 60 m3/hr Head : 9.8 Mtrs Solid handling : 65 mm Make & Model :- KSB & Amarex INF 65-170/042 ULG- 152 or equivalent as per preferred make list.	Each	1	58000.00	58000.00
b)	Capacity /Flow : 140 m3/hr Head : 11 Mtrs Solid handling : 100 mm Make & Model :- KSB & KRTUPF 100-260/74 or equivalent as per preferred make list.	Each	1	98500.00	98500.00
4	Supply of non clog submersible dewatering pumpset having CI- Casing, CI -Impeller, Chrome steel Shaft, complete with all standard accessories suitable to operate on 230 volt ,50 Hz AC supply, complete as required of following capacity. Note:- Each pump set shall be supply alongwith 10mtr. cable, 5mtr MS lifting chain and 01No. foot plate.				

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22/5/22

S. No.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
a)	Capacity /Flow : 12 m3/hr Head : 8 Mtrs Solid handling : 40 mm Make & Model :- KSB & AMAPORTER 501 SE or equivalent as per preferred make list.	Each	1	31000.00	31000.00
5	9.5 KW / 12.5 HP STAR DELTA CYCLIC Control panel(Common for 02 nos pumps) detail as below- Fabrication, supplying and fixing Double door type outdoor floor Mounted CRCA sheet 2 mm thick Star Delta control panel Suitable for 415V, 3-Phase, as per manufacturer motor protection devices required along with suitable MS stand. a) MCB TP 63A, 10KA - 1 No b) 40 Amp manually operated changeover (For phase sequence corrector) - 1 No. c) Amp Meter 0-30 - 1 No. d) Volt Meter 0-500 - 1 No. e) Indicating Lamps for three phase - R,Y,B f) Single Phase Preventer Relay (SPPR) - 1 No. g) Supply fail indication lamp - 1 no. h) 6A SP MCB,10kA ,C-curve - 1 Nos. i) Power Contactor 25A - 6 NOS. j) Thermal Overload Trip 12-18 Amp - 2 NO. k). Aux. Relay 6 Pin relay With Base 12V AC -2 NO. l) CONTROL TRF 220V TO 12 V AC- 2 NO. m) Indicating lamp for- Pump ON(02 No.),Overload trip(02 No.),Low level(01 No.) n) STAR DELTA TIMER -02 NOS, o) CYCLIC TIMER-1 NO The Control Panel will be suitable for operation as under:- ☐ Pump No. 1 shall start/stop automatically. ☐ Pump No. 2 shall start/stop automatically & alternatively ☐ Pumps shall start/stop automatically at pre-set levels and work alternatively in cyclic operation. ☐ In case of pump getting over loaded, indication shall come on the panel. ☐ In case of emergency due to high volume flow of incoming water, both pumps shall start operating simultaneously.	Each	2	66000.00	132000.00
6	4 KW /5.5 KW DOL CYCLIC Control panel(Common for 02 nos pumps)- Fabrication, supplying and fixing Double door type outdoor floor Mounted CRCA sheet 2 mm thick s DOL control panel Suitable for 415V, 3 Phase, as per manufacturer motor protection devices required along with suitable MS stand. a) MCB TP 25A, 10KA - 1 No b) 25 Amp manually operated changeover (For phase sequence corrector) - 1 No. c) Amp Meter (0-30) - 1 No. d) Volt Meter (0-500) - 1 No. e) Indicating Lamps for three phase - R,Y,B f) Single Phase Preventer Relay (SPPR) - 1 No. g) Supply fail indication - 1 no. h) 6A SP MCB,10kA ,C-curve - 1 Nos. i) Power Contactor 25A - 2 NOS. j) Thermal Overload Trip 12-18 Amp - 2 NO. k) Aux. Relay 6 Pin relay With Base 12V AC -2 NO. l) CONTROL TRF 220V TO 12 V AC- 2 NO. m) Indicating lamp for- Pump ON(02 No.),Overload trip(02 No.),Low level(01 No.) n) CYCLIC TIMER-1 NO The Control Panel will be suitable for operation as under:- ☐ Pump No. 1 shall start/stop automatically. ☐ Pump No. 2 shall start/stop automatically & alternatively ☐ Pumps shall start/stop automatically at pre-set levels and work alternatively in cyclic operation. ☐ In case of pump getting over loaded, indication shall come on the panel. ☐ In case of emergency due to high volume flow of incoming water, both pumps shall start operating simultaneously.	Each	5	42500.00	212500.00
7	Float switch (Make RNS-10 Amp) for dry run protection of pumpset	Each	14	3000.00	42000.00
8	Supplying, fixing, testing & commissioning of double flanged sluice valve (for Non clog application) of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS780 of following sizes as required				
a)	65 mm dia	set	6	9500.00	57000.00

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22/5/23

S. No.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
b)	100 mm dia	set	8	16500.00	132000.00
9	Providing, installation, testing and commissioning of non-return valve (for Non clog application) of following sizes confirming to IS:5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required				
a)	50 mm dia	set	4	3600.00	14400.00
b)	65 mm dia	set	6	4300.00	25800.00
c)	100 mm dia	set	8	7300.00	58400.00
10	Supply of following sizes of 1.1kv grade multicore Aluminium conductor XLPE insulated PVC sheathed armoured cable (as per IS : 7098:1988 with upto date amendments) complete as required as per specifications.				
a)	3.5 core, 35 Sqmm, Aluminium cable	mtrs.	700	240.00	168000.00
11	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.				
a)	Upto 35 sq. mm	mtrs.	700	20.00	14000.00
12	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.				
a)	120 mm dia (OD-120 mm & ID-103 mm nominal)	mtrs.	630	270.00	170100.00
13	Supply of PVC insulated and FR PVC Round Sheathed, Copper Conductor (flexible) industrial cable, 1100 Volt, conforming to IS 694.				
a)	4 core , 6 sq mm cable .	mtrs.	400	415.00	166000.00
14	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.				
a)	3½ X 35 sq. mm (32mm)	Set	14	200.00	2800.00
				Total Rs.	2637500.00

(Rupees Twenty Six Lacs Thirty Seven Thousand and Five Hundred Only)


22/5/23

(L.P.S.Solanki)
Asstt. Gen. Mgr. (E-E)
Safdarjung Airport