



भारतीय विमानपत्तन प्राधिकरण Airports Authority of India



संदर्भ संख्या: भा.वि.प्रा-उ.क्षेत्र/ बठिंडा /अभि-वि/कार्य संख्या-4/बीआरएफ /2022-23/
Ref. No.: AAI-NR/Bathinda/E-E/W.O.-4/VRF/2022-23 880 (1-VI)

दिनांक: 03.02.2023

Date: 03.02.2023

Through – Email / Speed Post

सेवा में,

पार्थ सारथी एनवायरो इंजीनियर्स
93 जीएफ ब्लॉक 3, चार्मवुड
विलेज, इरोस गार्डन, जिला फरीदाबाद,
हरियाणा, 121009

Parth Sarthi Enviro Engineers
93 GF Block 3, Charmwood
Village, Eros Garden, Distt Faridabad,
Haryana, 121009

कार्य का नाम: :- सिविल एयरपोर्ट, बठिंडा में 10 केएलडी क्षमता का सीवरेज ट्रीटमेंट प्लांट (एसटीपी) का प्रावधान तथा 01 वर्ष की डीएलपी अवधि पूरी होने के बाद 05 वर्ष के लिए एआईसीएमसी।

Name of Work: Provision of Sewerage Treatment Plant (STP) of 10 KLD capacity at Civil Airport, Bathinda and AICMC for 05 years after completion of DLP period of 01 year.

संदर्भ संख्या:- निविदा आईडी के लिए आईडी/आपकी बोली:- 2022_AAI_137947_1 Dtd.13/12/2022

Ref No:- Your bid for Tender ID:- 2022_AAI_137947_1 Dtd.13/12/2022

महोदय/ Sir,

1. ऊपर उल्लिखित कार्य के लिए आपकी ई-निविदा, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दरों पर कुल रु. 26,63,159.02 (रुपये छब्बीस लाख तिरसठ हजार एक सौ उनतालीस और दो पैसे केवल (जीएसटी को छोड़कर), जो कि निविदा में रखी गई उचित लागत रुपये 35,80,355.00/- से 25.62% कम है।

Your E-tender for the work above mentioned, is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totalling to Rs. 26,63,159.02 (Rupees Twenty Six Lacs Sixty Three Thousand One Hundred Fifty Nine & Two Paise Only (Excl. GST), Which is 25.62% below the Justified Cost put to the tender Rs. 35,80,355.00/- Only.

2. स.महाप्रबन्धक (अभि-वि) आदमपुर विमानपत्तन इस कार्य के प्रभारी अभियंता रहेंगे। आपसे निवेदन है कि आप दिनांक 25.02.2023 तक स.महाप्रबन्धक (अभि-वि) आदमपुर विमानपत्तन के कार्यालय में उपस्थित हों या आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर के लिए अधिकृत हो तथा करारनामे को पूरा करें। ठेके का करारनामा रु.100/- के नोन-ज्युडीशियल स्टाम्प पेपर पर निष्पादित किया जायेगा एवं स्टाम्प पेपर का खर्च आपके द्वारा उठाया जायेगा।

Asst. General Manager (E-E) Adampur Airport shall be the Engineer-in-charge for the work. You are requested to attend the office of AGM (Engg.-E) by 25.02.2023 to sign & complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rs. Hundred Only) and cost of the paper shall be borne by you.

3. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर प्रतिभूति जमा राशि के रूप में रु 2,66,316 /- जमा कराये, अन्यथा अनुबंध की शर्तों के अनुसार 10% राशि आपके रनिंग बिलों से काट ली जाएगी।

Please deposit Rs. 2,66,316 /- towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted @10% from running bills.

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

You are requested to comply with provisions of the contract labour (Regulation and abolition) act 1970 and contract labour (Regulation and abolition) central rules 1971 and minimum wages act and rules thereof central and state government.

5. श्रम के विभिन्न विधानों के अनुसार संबंधित अधिकारियों से लाइसेंस/अनुमति लेने व पालन करने के लिए एकमात्र दायित्व ठेकेदार (करार फर्म / कंपनी सहित) का होगा जिसमें संविदा श्रम (विनयमन एवं उन्मूलन) अधिनियम, 1970 के अंतर्गत लेबर लाइसेंस लेना भी शामिल है।

It will be the sole liability of the contractor (including the contracting firm/company) to obtain and to abide by all necessary licenses/ permissions from authorities concerned as provided under various labour legislations including the labour licence obtained as per the provisions of the contract labour (Regulation and Abolition) Act, 1970.

6. ठेकेदार को उसके द्वारा तैनात कर्मियों का नियमित और प्रभावी पर्यवेक्षण और नियंत्रण सुनिश्चित करना होगा और सर्विदात्मक दायित्वों के पालन के लिए उपयुक्त दिशानिर्देश देना होगा।

The contractor shall ensure regular and effective supervision and control of the personnel deployed by him and give suitable direction for undertaking the contractual obligations.

7. कार्य के संतोषजनक पूरा होने पर, अंतिम बिल निम्नलिखित दस्तावेजों के साथ इंजीनियर इन चार्ज को प्रस्तुत किया जायेगा।

On satisfactory completion of work, final bill shall be submitted by you to the Engineer-In-charge and same shall be processed with following documents:

- i. आप का अंतिम बिल।

Your final bill

- ii. आप और इंजिनियर-इन-चार्ज या उसके प्रतिनिधि, द्वारा सयुक्त रूप से हस्ताक्षरित माप पुस्तिका।

Measurement book jointly signed by you and Engineer-in-Charge or his authorised representative.

- iii. इंजिनियर-इन-चार्ज द्वारा जारी किया गया समापन प्रमाण पत्र |
Completion certificate issued by Engineer-in-charge
- iv. अन्य संबंधित दस्तावेज, यदि कोई हो |
Other relevant documents, if any.

8. आपको निर्देश दिया जाता है कि आप तुरंत सहायक प्रबंधक (अभि- वि) बठिंडा विमानपत्तन से मिलें, वह आपको साइट सौंपने की व्यवस्था करेंगे |

You are hereby directed to contact Assistant Manager (E-E), Bathinda Airport immediately who will arrange to hand over the site to you.

9. कृपया नोट कर लें कि कार्य करने की अवधि 03 माह है जोकि दिनांक 08.02.2023 से गिना जाएगा

Please note that time allowed for carrying out the work shall be 03 Months and same shall be reckoned from 08.02.2023.

10. इस ठेके के संबंध में आगे का कोई भी पत्राचार सहा. महा प्रबंधक (अभि-विधुत), भा वि प्रा, आदमपुर हवाई अड्डा, जालंधर -144103 के पते पर किया जाये |

Any further correspondence in connection with the contract should normally be addressed to Assistant General Manager (Engg- Elect.), AAI, Adampur Airport, Jalandhar-144103.

11. कृपया पावती भेजे और स्वीकृति के टोकन के रूप में सलग्न इस पत्र की दूसरी प्रति हस्ताक्षर करके वापस अधोहस्ताक्षरी को भेजे |

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.

12. इस कार्य की दोष दायित्व अवधि 12 महीने की होगी। इस अवधि के दौरान किसी भी प्रकार के दोष होने पर आपको अपने खर्च पर ठीक कराना होगा जिसकी जिम्मेदारी आपकी होगी। बकाया राशि को दोष दायित्व अवधि के खत्म होने के बाद वापस की जायेगी।

You will be responsible to make good and rectify at your own expense, any defect which may develop or may be noticed within the defects liability period of 12 months which shall be reckoned from the certified date of completion. The security deposit shall be refunded only after expiry of defects liability period.

08/02/23
प्रा. वि. प्रा.
08/02/23

सहा. महा प्रबंधक (अभि-विधुत),
कृते एवं की और से
अध्यक्ष, भा. वि. प्रा.

प्रतिलिपि :- सूचनार्थ

1. सहायक श्रम आयुक्त, मिनी सचिवालय, बठिंडा, पंजाब, भारत।
Assistant Labour Commissioner, Mini Sectariat, Bathinda, Punjab, India.
2. भविष्य निधि भवन, अर्बन एस्टेट फेज- I, टीवी टॉवर के पास, भटिंडा-151001
Bhavishya Nidhi Bhawan, Urban Estate Phase-I, Near TV Tower, Bhatinda-151001
3. विमानपत्तन निदेशक, भाविप्रा, , बठिंडा
Airport Director, AAI, Bathinda.
4. उप महाप्रबंधक (वित्त), भाविप्रा, श्री गुरु राम दास जी अंतरराष्ट्रीय हवाई अड्डा अमृतसर
DGM (F), AAI, SGRDJI Airport, Amritsar.
5. सहायक प्रबंधक (अभि-वि), भाविप्रा, बठिंडा
Assistant Manager (Engg.-E), Bathinda
6. संबंधित फाइल
Concerned File

00 १११
प्राति वजीवा ल
08/02/23.

सहा. महा प्रबंधक (अभि-विधुत),
कृते एवं की और से
अध्यक्ष , भा. वि. प्रा.

BOQ

Name of Work: Provision of Sewage Treatment Plant (STP) of 10 KLD capacity at Civil Airport, Bathinda i/c AICMC for 05 years after completion of DLP period of 01 year.

Sl. No.	Description of Item	Unit	Qty	Rate	Amount
SH-I CIVIL WORKS					
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	cum	12.800	185.60	2375.68
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	cum	15.95	211.5	3373.43
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	cum	11.560	3190.00	36876.40
4	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	16.180	6140.00	99345.20
5	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	7.000	6230.00	43610
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	3718.160	78.00	290016.48
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	1608.600	76.00	122253.6
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand) Code	cum	11.990	5426.00	65057.74

Sl. No.	Description of Item	Unit	Qty	Rate	Amount
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	13.340	5821.00	77652.14
10	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	sqm	49.000	156.00	7644
11	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	sqm	40.200	162.00	6512.4
12	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	80.400	77.00	6190.8
13	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	sqm	40.200	90.00	3618
14	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	sqm	40.200	73.00	2934.6
15	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	100.000	69.00	6900
16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	kg	250.000	71.00	17750
17	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	sqm	16.000	526.00	8416
18	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part 1) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	2.100	1622.00	3406.2
19	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 250 mm dia. R.C.C. pipe	metre	30.000	393.00	11790

Sl. No.	Description of Item	Unit	Qty	Rate	Amount
20	Centering and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases for columns	sqm	7.090	139.00	985.51
21	Centering and shuttering including strutting, propping etc. and removal of form work for : Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	sqm	84.530	228.00	19272.84
22	Centering and shuttering including strutting, propping etc. and removal of form work for : Columns, piers, abutments, pillars, posts and struts	sqm	14.000	297.00	4158
Total of SH 1 =					840139.02

SH 2 (Electrical Works)

1	S.I.T.C. of 10 KLD capacity FRP based package STP unit on ground, working efficiently with MBBR technology including bar screen chamber, equalization tank, air blowers, secondary settling tank, sludge holding mechanism, filter press etc. alongwith suitable capacity pumps for operation as required and control panel etc. All the tanks shall have uPVC piping system complete with valves, couplers, pressure gauges, accessories etc. The system shall be leak proof with minimum HRT of 20 hours. Tertiary treatment shall be provided with online Chlorine & UV dosing to give desired results as per Technical specifications, relevant IS codes etc complete as required. (Excavation, PCC, Concrete and other civil works etc not included in this item scope & shall be done as per Items in SH-1 civil works)	Each	1.00	1500000.00	1500000.00
2	Supply of 3.5 C X 25 sq.mm. size aluminium conductor armoured XLPE insulated PVC sheathed electric power cable for working voltage upto 1.1 KV. as per IS :7098 (Part-I) etc as required.	Mtr	257.00	300.00	77100.00
3	Supply and making end termination with brass double compression flame proof gland and aluminium lugs for 3.5 x 25 sq mm size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 KV grade as required.	Set	2.00	300.00	600.00
4	Supplying and laying of 63 mm dia (OD-63 mm & ID-51 mm nominal) 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.	Mtr.	200.00	180.00	36000.00
5	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/coke and salt as required.	Set	2.00	3200.00	6400.00
6	Providing, laying and fixing of 100mm dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc. as required.	Mtr.	10.00	1500.00	15000.00

Sl. No.	Description of Item	Unit	Qty	Rate	Amount
7	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 meter below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I nut bolt & spring washer spaced at 50 mm).	Mtr.	60.00	180.00	10800.00
8	Providing & Fixing 25 mm X 5 mm G.I strip on surface or in recess for for connections etc. as required.	Mtr.	20.00	180.00	3600.00
9	Supplying and laying 6 SWG G.I wire at 0.50 meter below ground level for conductor earth electrode, including connection/ terminating with G.I. thimble etc. as required	Mtr.	40.00	120.00	4800.00
10	Laying & 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. A) Upto 35 sq.mm.	Mtr.	15.00	580.00	8700.00
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.	Mtr.	10.00	580.00	5800.00
12	Providing & Fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/recessed/submain wiring/cable etc. as required.	Mtr.	8.00	120.00	960.00
Total of SH 2 =					1669760.00
SH 3 : CAMC of STP plant 10 KLD after expiry of DLP					
1	CAMC for 1st year after DLP	Job	1	40000.00	34936.00
2	CAMC for 2nd year after DLP	Job	1	40000.00	32648.00
3	CAMC for 3rd year after DLP	Job	1	40000.00	30512.00
4	CAMC for 4th year after DLP	Job	1	40000.00	28516.00
5	CAMC for 5th year after DLP	Job	1	40000.00	26648.00
Total of SH 3 =					153260.00
GRAND TOTAL for SH 1, SH2 & SH3 excl. GST =					2663159.00

Handwritten signature and date: 2023/06/27

Signature Not Verified

Digitally signed by Preeti Beniwal
Date: 2023.06.27 17:56:28 IST
Location: eProcurement System for Central PSUs