



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सं.: भा.वि.प्रा./मंडल-III/ओ.एंड.एम डब्ल्यूटीपी, एस.टी.पी., डब्ल्यू.बी. और एफ.एफ.एस./2021/ दिनांक: 22.10.2021
No. AAI/CIRCLE-III/O&M_WTP,STP,WB & FFS/2021/130-139 Date: 22.10.2021

To,
M/s. Som Engineering Works
24, A.C Sarkar Road,
Kolkata - 700 076
e-mail: somengineering04@gmail.com

विषय: एनएससीबीआई एयरपोर्ट, कोलकाता में आर एंड एम अन्य विद्युत कार्य। **उपशीर्ष:** डब्ल्यूटीपी, एसटीपी, कार पार्क सीवेज संपंप, वाटर बॉडी (डब्ल्यूबी) और बोर-वेल पंपों का संचालन और दैनिक रखरखाव, पंपों, वाल्वों आदि की विशेष मरम्मत सहित अग्निशमन प्रणाली।

Subject: R and M Other Electrical Works at NSCBI Airport, Kolkata. **SH:** Operation and Day to Day Maintenance of WTP, STP, Car park sewage sump pumps, Water Body (WB) and Bore-Wells Pumps, Fire-fighting system including Special Repair of Pumps, Valves etc.

संदर्भ/Ref.

- ❖ Tender ID: 2021_AAI_75257_1
- ❖ AAI's letter No.: AAI/CIRCLE-III/EMD-III/O&M_WTP, STP, WB & FFS/2021/88 dated 16.08.2021
- ❖ M/s. SOM Letter No.: SEW/AAI/NSCBI/2021-2022/1214 dated 18.08.2021
- ❖ AAI's letter No.: AAI/CIRCLE-III/EMD-III/O&M_WTP, STP, WB & FFS/2021/96A dated 06.09.2021
- ❖ M/s. SOM Letter No.: SEW/AAI/NSCBI/2021-2022/1227 dated 07.09.2021

महोदय/Dear Sir (s),

- 1) ऊपर उल्लिखित कार्य के द्विभाजित मदों (जैसा कि एम.एस.एम.ई. खरीद नीति 2012 के अनुपालन में किया गया है) के लिए आपकी उद्धृत दरें, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से कुल रु. 3,05,68,219.20 (तीन करोड़ पाँच लाख अड़सठ हजार दो सौ उन्नीस रुपये और बीस पैसे) केवल वस्तु एवं सेवाकर रहित स्वीकार की जाती हैं। कार्य की अनुसूची इसके साथ संलग्न है।

Your quoted rates for bifurcated items (as done in compliance to MSME Procurement Policy 2012) of work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India totaling to **Rs.3,05,68,219.20 (Rupees Three Crore Five Lakhs Sixty-eight Thousand Two Hundred Nineteen and Paise Twenty)** Only, excluding of GST. Schedule of work is enclosed herewith.



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- 2) उप महा प्रबंधक (अभि.-वि.)- III, भा.वि.प्रा., ने.सु.चं.बो.अं. कोलकाता हवाई अड्डा, इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप दिनांक 01/11/2021 तक उप महा प्रबंधक (अभि.-वि.)- III, भा.वि.प्रा., ने.सु.चं.बो.अं. कोलकाता हवाई अड्डा के कार्यालय में उपस्थित हो तथा करारनामे को हस्ताक्षरित करें। ठेके का करारनामा रु. 100/- मात्र के गैर न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा, तथा पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Dy. Gen. Mgr. (Engg. - Elect.) - III, AAI, Kolkata, shall be Engineer-In-Charge of the work. You are requested to attend the O/o Dy. Gen. Mgr. (Engg. - Elect.) - III, AAI, Kolkata - 700052, on or before 01.11.2021 to sign and complete the contract agreement. The contract agreement shall be executed on non-judicial stamp paper of Rs.100.00 (Rupees one hundred only) and cost of the stamp paper shall be borne to you.

- 3) कृपया एएआई प्रोफार्मा के अनुसार एवं एस.सी.सी. के खंड 20 (ऐ) के अनुपालन में इस पत्र के जारी होने की तारीख से 10 दिनों के अंदर बैंक गारंटी के रूप में सुरक्षा जमा राशि @ 5% रु.15,28,411/- (रुपए पन्द्रह लाख अट्ठाईस हजार चार सौ ग्यारह) मात्र जमा करें। असफल होने पर यह आपके बिलों से घटाया जाएगा और प्रणाली को पूर्ण होने की वास्तविक तिथि से 06 माह की दोष दायित्व अवधि पूरी होने के बाद जारी की जाएगी। बैंक गारंटी का प्रारूप अनुबंध समझौते के GCC में उपलब्ध है।

Please deposit Rs.15,28,411/- (Rupees Fifteen Lakhs Twenty-eight Thousand Four Hundred and Eleven) only towards Security Deposit @ 5% in the form of Bank Guarantee as per AAI proforma and in compliance to clause 20 (a) of SCC within 10 days from the date of issue of this letter, failing which the same shall be deducted from your bills and same will be released after completion of Defect Liability Period of 06 months from the actual date of completion of work. The format of Bank Guarantee is available in the GCC of the contract Agreement.

- 4) कृपया एएआई प्रोफार्मा के अनुसार एवं एस.सी.सी. के खंड 20 (बी) के अनुपालन में इस पत्र के जारी होने की तारीख से 30 दिनों के अंदर बैंक गारंटी के रूप में निष्पादन सुरक्षा जमा राशि @ 3% रु. 9,17,047/- (रुपए नौ लाख सत्रह हजार सैंतालीस) मात्र जमा करें एवं परियोजना और प्रचालन के 3 साल पूरा होने के बाद और उससे भी 180 दिन बाद जारी किया जाएगा। बैंक गारंटी का प्रारूप अनुबंध समझौते के GCC में उपलब्ध है।

Please deposit Rs.9,17,047/- (Rupees Nine Lakhs Seventeen Thousand and Forty-seven) only towards Performance Security @ 3% in the form of Bank Guarantee as per AAI proforma and in compliance to clause 20 (b) of SCC within 30 days from the date of issue of letter and same will be released after

सिंदीप पिंगलपुर
22/10/2021



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stipulated date of completion plus 180 days beyond that. The format of Bank Guarantee is available in the GCC of the contract Agreement.

- 5) आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम बेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें और केंद्र तथा राज्य सरकार के नियम जो की निबिदा के दस्तबेज़ पृष्ठ 52 पर दी गई शर्त 19 में हे का अनुपालन 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 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no. 52 of GCC of tender and rules of Central and State Government.

- 6) आपको निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (अभि. - वि.) - III, भा.वि.प्रा., ने.सु.चं.बो.अं. कोलकाता हवाईअड्डा से मिलें। वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Asstt. Gen. Mgr. (Engg.-Elect.), AAI, Kolkata, immediately, who will arrange to handover the site to you.

- 7) काम करने का अनुमत समय 03 साल है, जो कि 01.11.2021 से गिना जाएगा।

Completion period for the work shall be **03 (Three) Years and be reckoned from 01.11.2021.**

- 8) अनुबंध के नियमों और शर्तों के अनुसार और अभियंता प्रभारी के निर्देशानुसार कार्य किया जाएगा।

The work shall be carried out as per contract terms and conditions and as per directive of the Engineer-In-Charge.

- 9) इस ठेके के संबंध में आगे का कोई भी पत्राचार प्रभारी अभियंता, भा.वि.प्रा., ने.सु.चं.बो.अं. कोलकाता विमानक्षेत्र के पते पर किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-In-Charge.

- 10) कृपया पावती एवं पत्र दूसरी प्रत पर हस्ताक्षर करके अधोहस्ताक्षरकर्ता को वापस भेजें।

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.

(Signature)
22/10/2021.

संदीप पिप्लपुरे / Sandeep Pimplapure
(अभि. - वि.) / DGM (Engg.-Elect.)
ने.सु.चं.बो.अं. कोलकाता हवाईअड्डा, AAI, NSCB Airport



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11) अन्य सभी नियम और शर्तें समझौते के अनुसार होंगी।

All other Terms & Conditions shall be as per Agreement.

12) यदि अंग्रेजी और हिंदी के बीच कोई विसंगति है तो अंग्रेजी में व्युत्पन्न अर्थ को वरीयता दी जाएगी।

If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद/Thanking you,

संलग्न/Encl.: Schedule of work.

भवदीय/Yours faithfully,


22/11/2021

(संदीप पिंपलापुरे/Sandeep Pimplapure)

उप महाप्रबंधक (अभि-विद्युत)/Dy. Gen. Manager (Engg-E) – III,

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,

For and on behalf of Chairman,

Airports Authority of India.

प्रतिलिपि / Copy to:

- i) आयकर अधिकारी., आयकर भवन, पी-7 चौरंगी स्कोयर, कोलकाता - 700 069
Income Tax Officer, Aayakar Bhavan, P-7 Chowringhee Square, Kolkata- 700 069
- ii) क्षेत्रीय श्रम आयुक्त (केंद्रीय), 2 एम.एस. बिल्डिंग, 5 फ्लोर, निज़ाम पैलेस, 234/4 ए.जे.सी. बोसे रोड, कोलकाता - 700 020
Regional Labour Commissioner (Central), 2nd MS Building, 5th floor, Nizam Place, 234/4 A.J.C Bose Road, Kolkata 700 020
- iii) आयुक्त, कार्य अनुबंध सेल, 14, बेलियाघाता मैन रोड, कोलकाता - 700015
The Commissioner, Work Contract Cell, 14, Beliaghata Main Road, Kolkata-700 015

N.O.O.:

- i) विमानपत्तन निदेशक, भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
PA to Airport Director, AAI NSCBI Airport, Kolkata - 700 052
- ii) म.प्र. (अभि- विद्युत), भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
G. M. (Engg.-Elect.), AAI, NSCBI Airport, Kolkata - 700 052
- iii) म.प्र. (अभि-वित्त), भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
G. M. (F & A), AAI, NSCBI Airport, Kolkata - 700 052
- iv) सहायक महाप्रबंधक (अभि- विद्युत) - III, भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
Asst. Gen. Manager (Engg-Elect.) - III, AAI, NSCBI Airport, Kolkata - 700 052
- v) प्रबंधक (अभि- विद्युत), भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
Manager (Engg-Elect.), AAI, NSCBI Airport, Kolkata - 700 052
- vi) समझौता
Agreement


22/10/2021.

(संदीप पिंपलापुरे/Sandeep Pimplapure)

उप महाप्रबंधक (अभि-विद्युत)/Dy. Gen. Manager (Engg-E) - III,
कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,
For and on behalf of Chairman,
Airports Authority of India.





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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
3.00	HEAD-III: Special Repair of WTP, STP, WB & FFS SH-I : Cleaning & repairing works at Sewerage Treatment Tanks				
3.01	Complete cleaning of all tank of 750 cubic meter capacity sewage treatment module - 1 including dewatering, removal of sludge from Screen chamber, equalization tank (L - 9 mtr. x W- 5.5 mtr. x H - 2.5 mtr), Aeration tank (L - 15 mtr. x W- 9 mtr. x H - 3.8 mtr), Clarifier tank (Dia - 8 mtr. & effective H - 2 mtr), Clarifier Filter tank (L - 9 mtr. x W - 5 mtr. x H - 4.2 mtr), Sludge holding tank (L - 9 mtr. x W - 5 mtr. x H - 4.2 mtr.) and related pipe lines etc. with suitable sludge transporting vehicles for offloading sludge to nearest designated garbage dumpyard demarked by local administration by maintaining pollution control board norms and directives etc. complete as required and as per attached specifications.	2	Job	443,181.82	886,363.64
3.02	Complete cleaning of all tanks of 750 cubic meter capacity sewage treatment module - 2 including dewatering, removal of sludge from Screen chamber, equalization tank (L - 9 mtr. x W- 5.5 mtr. x H - 2.5 mtr), Aeration tank (L - 15 mtr. x W- 9 mtr. x H - 3.8 mtr), Clarifier tank (Dia - 8 mtr. & effective H - 2 mtr), Clarifier Filter tank (L - 9 mtr. x W - 5 mtr. x H - 4.2 mtr), Sludge holding tank (L - 9 mtr. x W - 5 mtr. x H - 4.2 mtr.) and related pipe lines etc. with suitable sludge transporting vehicles for offloading sludge to nearest designated garbage dumpyard demarked by local administration by maintaining pollution control board norms and directives etc. complete as required and as per attached specifications.	2	Job	443,181.82	886,363.64
3.03	Supply and replacement of 8 Cum/Hr Approx Tube type 63 mm Dia x 1000 mm long Air - diffusers for coarse/ fine bubble/ Membrane type with complete piping as per site condition and Hi-grade silicon with antifungal treatment and dismantling the defective diffusers for aeration tank, equalization tank, sludge tank with necessary hardware etc. complete as required and as per specification attached.	60	Each	1,800.00	108,000.00
3.04	Supply and replacement of 7 Cum/Hr Approx 150 mm Dia disc type Air - diffusers for coarse/ fine bubble / Membrane type with complete piping as per site condition and Hi-grade silicon with antifungal treatment and dismantling the defective diffusers for aeration tank, equalization tank, sludge tank with necessary hardware etc. complete as required and as per specification attached.	60	Each	1,100.00	66,000.00
3.05	Pumping out of entire sewage waste and sludge from the sewage sump well having depth of 9 mtrs and 6 mtrs. wide with the help of motorized vacuum suction jet tanker mounted vehicle including cleaning of the sump well fully by mechanical means and disposal of the sewage to nearest designated garbage dumpyard demarked by local administration by maintaining pollution control board norms and directives etc. complete as required.	4	Job	60,000.00	240,000.00
4.00	SH-II : Overhauling & Servicing of pumps, blowers, Fire DG etc.				



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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
4.01	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 13 HP /9.5 KW KSB make raw water sewerage submersible pump motor set of Class F Insulation having protection of IP 68, discharge of 70 m ³ /hr, head of 15 mtrs, RPM of 1440 including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set from the sump well at a depth of 8 mtrs & lifting it, reinstallation including lowering the pump motor set after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type KRTU F 100/255-74.	8	Job	19,500.00	156,000.00
4.02	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 5.5 HP /4 KW KSB make submersible raw water sewerage pump motor set of Class F Insulation having protection of IP 68, discharge of 50 m ³ /hr and head of 10 mtrs, RPM of 1430 including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set from the sewage screen filter chamber at a depth of 5 mtrs, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type KRTU F 100/210-34.	6	Job	12,800.00	76,800.00
4.03	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 7.5 HP / 5.5 KW KSB & Crompton Greaves make sludge return pump motor set having protection of IP 55, discharge of 30 m ³ /hr and head of 20 mtrs, RPM of 1450 including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type KWPZ GC 65-315	6	Job	4,700.00	28,200.00
4.04	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 1 HP / 0.75 KW ABB make sludge loading pump motor set having RPM of 1455 including replacement of mechanical & oil seal, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: ABB Make, Type M2BA 080 B-4	6	Job	1,200.00	7,200.00

पिंपलापुरे
22/10/2021
संदीप पिंपलापुरे / Sandeep Pimlapure
उप. महा प्रबंधक (अभि.वि.) / DGM (Engg.-Elect.)
आ. वि. प्रा., नै.सु. चं. बो. अं. हवाई अड्डा / AAI, NSCB Airport
कोलकाता / Kolkata-700 052



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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
4.05	Servicing and complete overhauling of 1 phase 230 Volts, 50 Hz, 2 HP / 1.5 KW KSB make submersible dewatering pump motor set having protection of IP 68, including replacement of mechanical & oil seal, moisture sensor, o-ring, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make Type AMA PORTER F - 59320	8	Job	4,550.00	36,400.00
4.06	Servicing, repairing & complete overhauling of 3 phase 0.5 HP / 0.37 KW Kirloskar make pump motor set having class F insulation, protection of IP 55, RPM of 1390, installed in the clarifier tank driving mechanical scrapper of 8 mtr. dia and depth of 2.50 mtrs. including replacement of mechanical & oil seal, servicing of Gear Box and Belt arrangement, moisture sensor, replacement of defective bearing, coupling, impellers, belts and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required.	4	Job	1,250.00	5,000.00
4.07	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 10 HP / 7.5 KW Bharat Bijlee make centrifugal pump motor set having RPM of 2920 including replacement of mechanical & oil seal, Gear Box and Belt arrangement, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: Make - HUMBOLT WEDAG Minerals India Pvt. Ltd., Permissible speed - 4400, Bowl Dia - 250 mm, Bowl Wall Thickness - 9 mm, Bowl Material - SS 304. Motor Make: Bharat Bijlee, Type MA135253	2	Job	800.00	1,600.00
4.08	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 5 HP / 3.7 KW Bharat Bijlee make motor & AIRVAC / UNITEC make blower set having capacity of 100 - 160 m3/hr, RPM of 1330 including replacement of burnt lub oil with new oil, defective bearing, coupling, belts and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing motor blower set, reinstallation after overhauling, testing and commissioning etc. complete as required.	6	Job	4,000.00	24,000.00
4.09	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 25 HP / 18.5 KW ABB make motor, Type HX +180MLB4 & BETA make blower set having capacity of 775 m3/hr, RPM of 2028, including replacement of burnt lub oil with new oil, defective bearing, coupling, belts and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing motor blower set, reinstallation after overhauling, testing and commissioning etc. complete as required.	6	Job	6,200.00	37,200.00



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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
4.10	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 0.75 HP /0.55 KW KSB make MOVITEC International RO pump motor set having Class F insulation and protection of IP 55, discharge of 1.25 m3/hr, head of 40 mtrs, RPM of 2900, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of bearing bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type MOVITEC VF 02/06-B.	3	Job	1,000.00	3,000.00
4.11	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 3 HP /2.2 KW KSB make MOVITEC Domestic RO pump motor set having Class F insulation and protection of IP 55, discharge of 5.50 m3/hr, head of 65 mtrs, RPM of 2900, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type MOVITEC VCF04/12-B.	3	Job	1,750.00	5,250.00
4.12	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 10 HP /7.5 KW Bharat Bijlee & DP make pump motor set for high pressure RO system having Class F insulation and protection of IP 55, discharge of 10.60 m3/hr, head of 139.50 mtrs, RPM of 2940, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: Bharat Bijlee & DP Make, Type DPVSF 10/17 B.	3	Job	8,300.00	24,900.00
4.13	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 2 HP /1.5 KW KSB make MOVITEC soft water waterbody supply pump motor set having Class F insulation and protection of IP 55, discharge of 10 m3/hr, head of 33 mtrs, RPM of 2900, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make MOVITEC, Type VCF 10/04-B.	3	Job	1,500.00	4,500.00

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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
4.14	Servicing and complete overhauling of the 2 HP / 1.5 KW salt saturation motor with gear box, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, belts and other necessary spare parts, replacement of burnt gear oil with fresh gear oil, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Make: Bharat Bijlee (Model No: MA09L455)	6	Job	1,350.00	8,100.00
4.15	Servicing and complete overhauling of the 2 HP / 1.5 KW salt saturation transfer pump motor set, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, and other necessary spare parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Make: Kirloskar (Model No: KDS)	3	Job	1,500.00	4,500.00
4.16	Servicing and complete overhauling of the 30 HP / 22 KW borewell pump motor set of KSB make, after dismantling the same, lifting up, disconnection from electrical circuit, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of bearing, coupling, impellers, and other necessary spare parts if required, heat varnishing the motor etc. as required, reinstallation along with lowering of the pumpset, reconnection with electrical circuit after overhauling, testing and commissioning etc. complete as required.	3	Job	8,500.00	25,500.00
4.17	Servicing and complete overhauling of the 20 HP / 15 KW borewell pump motor set of KSB make, after dismantling the same, lifting up, disconnection from electrical circuit, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, and other necessary spare parts, heat varnishing the motor etc. as required, reinstallation along with lowering of the pumpset, reconnection with electrical circuit after overhauling, testing and commissioning etc. complete as required.	4	Job	11,500.00	46,000.00
4.18	Servicing and complete overhauling of the 2 HP / 1.5 KW waterbody pump motor set of Kirloskar make, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, and other necessary spare parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Make: Kirloskar, Model No: KDS-216++	12	Job	1,500.00	18,000.00

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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
4.19	Servicing and complete overhauling of the 1 HP / 0.75 KW waterbody pump motor set of CE make, including replacement of rusted strainer, mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, and other necessary spare parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Make: CE, Model No: SKPB-200, Type - CX	24	Job	600.00	14,400.00
4.20	Servicing and complete overhauling of the 7.5 HP / 5.5 KW waterbody pump motor set of Kirloskar make, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, and other necessary spare parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required.	4	Job	2,500.00	10,000.00
4.28	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 7.5 HP / 5.3 KW Havells make motor & UNITEC make blower set having capacity of 200 m ³ /hr, RPM of 1440 including replacement of necessary parts, belts if required, replacement of burnt gear oil with new oil, heat varnishing the motor etc. as required after dismantling the existing motor blower set, reinstallation after overhauling, testing and commissioning etc. complete as required.	3	Job	4,000.00	12,000.00
4.29	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 2 HP / 1.5 KW Kirloskar make motor & Macshe make Air Compressor set having tank capacity of 150 ltrs, dispersing capacity of 7.5 cft per minute, max. pressure of 150 PSI, RPM of 900 including replacement of necessary parts, belts if required, heat varnishing the motor, painting the air compressor with coats of synthetic enamel paint etc. as required after dismantling the existing motor blower set, reinstallation after overhauling, testing and commissioning etc. complete as required.	3	Job	1,500.00	4,500.00
4.30	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 7.5 HP / 5.5 KW KSB make Filter feed MOVITEC pump motor set having discharge of 64.80 m ³ /hr and head of 18.40 mtrs, RPM of 2850 including replacement of mechanical & oil seal, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type Movitec VF65-2.	6	Job	4,750.00	28,500.00

प्रिंसिपल
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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
4.31	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 10 HP / 7.5 KW KSB make MOVITEC pump motor set having discharge of 27 m ³ /hr and head of 63.30 mtrs, RPM of 2900 including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type Movitec VF32-4.	4	Job	4,800.00	19,200.00
4.32	Servicing and complete overhauling of 3 phase 415 Volts, 3 HP / 2.2 KW KSB make MOVITEC pump motor set having discharge of 3.90 m ³ /hr and head of 79.30 mtrs, RPM of 2880 including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type Movitec V4/11B.	8	Job	2,900.00	23,200.00
4.33	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 20 HP / 15 KW KSB make MOVITEC pump motor set having discharge of 64.80 m ³ /hr and head of 54.10 mtrs, RPM of 2920 including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of bearing, coupling, impellers and other necessary parts if required, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type Movitec VF65-6.	4	Job	6,500.00	26,000.00
4.34	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 15 HP / 11 KW KSB make MOVITEC filter feed pump motor set having Class F insulation and protection of IP 55, discharge of 85 m ³ /hr, head of 25 mtrs, RPM of 2900, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type MOVITEC VF 090/02-2B.	5	Job	6,500.00	32,500.00
4.35	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 10 HP / 7.5 KW KSB make MOVITEC garden pump motor set having Class F insulation and protection of IP 55, discharge of 28 m ³ /hr, head of 60 mtrs, RPM of 2900, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type MOVITEC VF 025/04-B & VF 32-4.	3	Job	6,500.00	19,500.00

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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
4.36	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 50 HP /37 KW KSB make MOVITEC domestic toilet pump motor set having Class F insulation and protection of IP 55, discharge of 77 m3/hr, head of 110 mtrs, RPM of 2900, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type MOVITEC VCF 90/05-B & VCF 90/05-2B.	4	Job	8,500.00	34,000.00
4.37	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 15 HP /11 KW KSB make MOVITEC international toilet pump motor set having Class F insulation and protection of IP 55, discharge of 26 m3/hr, head of 78 mtrs, RPM of 2961, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of bearing, coupling, impellers and other necessary parts if required, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make, Type MOVITEC VF 25/05-B.	3	Job	4,500.00	13,500.00
4.38	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 15 HP /11 KW KSB make MOVITEC softner feed pump motor set having Class F insulation and protection of IP 55, discharge of 51 m3/hr, head of 43 mtrs, RPM of 2945, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers and other necessary parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make MOVITEC, Type VF 60/02-B & VF E5/3.	4	Job	1,350.00	5,400.00
4.39	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 20 HP /15 KW KSB make MOVITEC overhead soft water supply pump motor set having Class F insulation and protection of IP 55, discharge of 100 m3/hr, head of 39 mtrs, RPM of 2900, including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of bearing, coupling, impellers and other necessary parts if required, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Specifications: KSB Make MOVITEC, Type VF 090/02.	5	Job	1,350.00	6,750.00

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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
5.00	SH-III: Replacement of media in ACF & PSF				
6.00	Complete Removal and dismantling of old media from existing Pressure Sand Filter of Sewerage Treatment Plant/WTP, including cleaning the same, check for any cracks and making good the same through welding, painting the same with two coats of anti corrosive paint and topping up the PSF with new media including supply of new media and replacement of all old PVC stainer with new as per site requirement & Manufacturer's standard complete etc. as required for followings.				
6.01	STP-Specifications of existing PSF:- Diameter: 1.80 meters Height on straight: 2000 mm Maximum pressure: 4.5kg/cm ² Minimum pressure: 1.0kg/cm ² Average:flow(Each): 45,000 LPH Media quantity: As per OEM requirement	6	Job	30,000.00	180,000.00
6.02	WTP-Specifications of existing PSF:- Diameter: 2.6 meters Height on straight: 1500 mm Maximum pressure: 4.5kg/cm ² Minimum pressure: 1.0kg/cm ² Average:flow(Each): 45,000 LPH Media quantity: As per OEM requirement	10	Job	32,000.00	320,000.00
7.00	Complete Removal and dismantling of old media from existing Activated Carbon Filter of Sewerage Treatment Plant/WTP, including cleaning the same, check for any cracks and making good the same through welding, painting the same with two coats of anti corrosive paint and topping up the ACF with new media including supply of new media including supply of new media and replacement of all old PVC stainer with new as per site requirement & Manufacturer's standard complete as required.				
7.01	STP-Specifications of existing ACF:- Diameter: 1.80 meters Height on straight: 2000 mm maximum Maximum pressure: 4.5kg/cm ² Minimum pressure: 1.0kg/cm ² Average:flow(Each): 45,000 LPH Media quantity: As per OEM requirement	6	Job	44,200.00	265,200.00
7.02	WTP-Specifications of existing ACF:- Diameter: 1.0 meters Height on straight: 2000 mm maximum Maximum pressure: 4.5kg/cm ² Minimum pressure: 1.0kg/cm ² Average:flow(Each): 45,000 LPH Media quantity: As per OEM requirement	4	Job	16,955.20	67,820.80

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Sandeep

22/10/2021
पिंपलापूर / Sandeep Pimlapure
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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
13.00	Complete servicing and overhauling of various Cast Iron Gate valves of following sizes complete as required.				
13.01	50 mm	3	Job	100.00	300.00
13.02	80 mm	20	Job	100.00	2,000.00
13.03	150 mm	14	Job	100.00	1,400.00
13.04	200 mm	14	Job	100.00	1,400.00
13.05	250 mm	7	Job	100.00	700.00
14.00	Providing and fixing of CI body Butterfly valves with SS disc nitrile sheet & o-ring & PN16 pressure rating as per IS 13095 or BS 5155 including nuts, bolts, gaskets, component flanges etc. complete in all respect and as per instruction of E-I-C and AAI approved make list of following sizes.				
14.01	40 mm	2	Job	1.00	2.00
14.02	65 mm	4	Job	2,348.50	9,394.00
14.03	80 mm	4	Job	800.00	3,200.00
14.04	100 mm	10	Job	3,426.50	34,265.00
14.05	150 mm	4	Job	1,500.00	6,000.00
14.06	200 mm	4	Job	3,000.00	12,000.00
15.00	Providing and fixing of CI SS plates Non return valves with dual plates vulcanized NBR seal flanged end & PN 16 pressure rating including nuts, bolts, component flanges, complete in all respect as per instruction of E-I-C and AAI approved make list of following sizes.				
15.01	40 mm	2	Job	1.00	2.00
15.02	50 mm	2	Job	1,000.00	2,000.00
15.03	65 mm	4	Job	2,156.00	8,624.00
15.04	80 mm	6	Job	1,000.00	6,000.00
15.05	100 mm	4	Job	1,500.00	6,000.00
15.06	150 mm	6	Job	6,506.50	39,039.00
16.00	Providing and fixing of CI SS plates Gate valves with dual plates vulcanized NBR seal flanged end & PN 16 pressure rating including nuts, bolts, component flanges, complete in all respect as per instruction of E-I-C and AAI approved make list of following sizes:				
16.01	50 mm	4	Job	2,171.00	8,684.00
16.02	100 mm	2	Job	5,121.00	10,242.00
16.03	150 mm	2	Job	6,645.50	13,291.00
16.04	200 mm	10	Job	38,000.00	380,000.00
16.05	250 mm	6	Job	5,000.00	30,000.00
17.00	Providing and fixing of bronze / brass ball valves of following sizes.				
17.01	25 mm	18	Job	497.00	8,946.00
17.02	40 mm	15	Job	1,221.00	18,315.00
17.03	50 mm	18	Job	1,783.00	32,094.00

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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
19.00	Supply, Installation, Testing & Commissioning of CI Foot Valve with components flanges, gaskets, nut & bolts as per IS 4038 as required.				
19.01	65 mm	1	Job	1,000.00	1,000.00
19.02	80 mm	1	Job	3,984.75	3,984.75
19.03	100 mm	1	Job	2,000.00	2,000.00
20.00	Providing and fixing of CI Diaphragm valves with dual plates vulcanized NBR seal flanged end & PN 16 pressure rating including nuts, bolts, component flanges, complete in all respect as per instruction of E-I-C and AAI approved make list of following sizes:				
20.01	25 mm	2	Job	100.00	200.00
20.02	50 mm	2	Job	100.00	200.00
20.03	100 mm	8	Job	100.00	800.00
20.04	150 mm	8	Job	100.00	800.00
21.00	Complete servicing and overhauling of various Cast Iron Gear Operating Gate valves of following sizes, complete as required.				
21.01	200 mm	11	Job	100.00	1,100.00
22.00	Complete servicing and overhauling of various Cast Iron Diaphragm valves of following sizes complete as required.				
22.01	25 mm	3	Job	75.00	225.00
22.02	50 mm	3	Job	100.00	300.00
22.03	100 mm	15	Job	200.00	3,000.00
22.04	150 mm	20	Job	200.00	4,000.00
23.00	SH-V: Electrical works				
24.00	Inspection, Testing and commissioning of existing hydro pneumatic MoviBoost panel having KSB make controller including replacement of necessary spares like contactors, MCB, fuses, fuse base, timer, relays; Micro Drive, wires, control transformer, controller, end termination works and making the panel and controller completely serviceable / functional in all respect for operation of 10 HP / 7.5 KW MOVITEC VF 3204 KSB pumps.	2	Job	1.00	2.00
25.00	Inspection, Testing and commissioning of existing hydro pneumatic MoviBoost panel having KSB make controller including replacement of necessary spares like contactors, MCB, fuses, fuse base, timer, relays, Micro Drive, wires, controller and making the panel and controller completely serviceable / functional in all respect for operation of 3 HP / 2.2 KW MOVITEC V04 11B KSB pumps.	4	Job	1.00	4.00
26.00	Inspection, Testing and commissioning of existing hydro pneumatic MoviBoost panel having KSB make controller including replacement of necessary spares like contactors, MCB, fuses, fuse base, timer, relays, Micro Drive, wires, controller and making the panel and controller completely serviceable / functional in all respect for operation of 20 HP / 15 KW MOVITEC VF 6506 KSB pumps.	2	Job	1.00	2.00



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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
27.00	Overhauling and servicing of ABB make Variable Frequency Drives bearing Model No: ACS550-01 including replacement of necessary spares and making them completely functional in all respect for operation / control of 7.5 HP/5.5 KW Filter. Feed KSB make MOVITEC pumps.	6	Job	1.00	6.00
44.00	Complete rewinding the following capacity defective motor of 415 volts with suitable size copper winding wire and necessary heat varnishing etc. as required including dismantling and reinstallation of the same at site.				
44.01	7.5 KW Capacity	1	Each	7,000.00	7,000.00
44.02	3.75 KW capacity	6	Each	3,500.00	21,000.00
44.03	0.75 KW capacity	12	Each	1,000.00	12,000.00
45.00	Supply; installation, testing and commissioning of 410 watt 450 mm sweep industrial exhaust fan having RPM of 1400 and air delivery of 6800 CMH.	1	Each	5,400.00	5,400.00
49.00	Supply, installation, testing & commissioning of 24V - 220/240 V AC & DC universal indication lamps of following colours:				
49.01	Red	20	Each	180.00	3,600.00
49.02	Yellow	20	Each	180.00	3,600.00
49.03	Blue	20	Each	298.00	5,960.00
49.04	Green	20	Each	180.00	3,600.00
49.05	Amber	20	Each	180.00	3,600.00
49.06	White	20	Each	292.00	5,840.00
50.00	SH-VI : Painting Works				
50.01	Cleaning the surface of chequered plates and painting with two coats of synthetic enamel black paint etc. of approved brand and manufacturer as required.	600	sq. mtr.	15.00	9,000.00
50.02	Scrubbing, cleaning the existing surface of cubicle panels / MS pipes and spray painting the same with two coats of synthetic enamel paint of approved brand and manufacturer of required colour over one coat of red oxide metal primer etc. to give an even shade as required.	450	sq. mtrs.	15.00	6,750.00
50.03	Scrubbing, cleaning the existing surface of cubicle panels / MS pipes / ACF & PSF chambers and spray painting the same with two coats of synthetic enamel paint of approved brand and manufacturer of required colour to give an even shade etc. as required.	9000	sq. mtrs.	12.00	108,000.00
51.00	SH-VII: Fabrication Works				
51.01	Supply and fixing of 8 mm thick chequered plates i/c. welding, painting with two coats of red lead primer and synthetic enamel black paint etc. as required and as per direction of Engineer-in-Charge.	60	sq. mtr.	130.00	7,800.00

प्रतिष्ठित
22/10/2021

संदीप पिपलापुरे / Sandeep Pimplapure
(जंमि-वि.) / DGM (Engg.-Elect.)
AAI, NSCB Airport



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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
51.02	Supply and fixing of MS angle of size 75 x 75 x 6 mm i/c grouting on the roof/wall, welding, painting with two coats of red lead primer and synthetic enamel black paint etc. as required and as per direction of Engineer-in-Charge.	70	Mtr.	120.00	8,400.00
51.03	Supply and fixing of MS channel of size 75 x 40 mm (ISMC 75) of suitable lengths i/c grouting on the roof/wall, welding, painting with two coats of red lead primer and synthetic enamel black paint etc. as required and as per direction of Engineer-in-Charge.	110	Mtr.	120.00	13,200.00
51.04	Design, fabrication, installation, testing & commissioning of MS tank having capacity of 10000 ltrs. for the purpose of salt saturation having thickness of 10 mm thick MS sheet and providing of 12 mm thick PRP coating in the inner walls of the tank including connection with existing pipelines, fixing of existing salt saturation pump motor set along with gear box within the new tank after dismantling the existing old 10000 ltrs. PVC tank, lifting of the same and shifting it from the site complete as required.	4	Job	120,750.00	483,000.00
53.00	SH-IX : Cleaning works for Water Tanks Complete dewatering and cleaning of Fire Sprinkler / Borewell tank (having depth of 8 mtrs. approx.) through high pressure mechanized cleaning of water tank to get rid of calcination, algae, sludge, sediment and other contaminants by bleaching solution, sodium hypochlorite and other standard chemical treatment to arrest microbiological contaminants etc. as required and as per instruction of Engineer-in-Charge of following volumes (approx.) including providing relevant safety kit and breathing apparatus (oxygen mask, cylinder etc.) to cleaning personnel:				
53.01	2.73 lakh litres volume of water	1	Job	12,400.91	12,400.91
53.02	3.62 lakh litres volume of water	1	Job	16,453.64	16,453.64
53.03	14.29 lakh litres volume of water	2	Job	41,600.00	83,200.00
53.04	19.09 lakh litres volume of water	2	Job	49,400.00	98,800.00
53.05	6.46 lakh litres volume of water	1	Job	29,392.73	29,392.73
53.06	8.00 lakh litres volume of water	1	Job	36,349.09	36,349.09
53.07	Blocking of inlet / outlet pipes of 200 / 250 mm dia in completely filled up water tanks having a depth of 8 mtrs. (approx.) with the help of scuba divers for the purpose of replacement of gate valves and unblocking the pipes after replacement of gate valves complete etc. as required and as per instruction of Engineer-in-Charge. (Valve will be supplied by AAI) including providing relevant safety kit and breathing apparatus (oxygen mask, cylinder etc.) to scuba divers.	12	Job	35,000.00	420,000.00

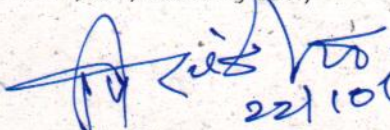
संदीप पिमपलपुरे
22/10/2021



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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
54.00	SH-X: Replacement of media				
54.01	Replacement of damaged old RO membrane from RO water Generation plant and installation of new RO membrane (8 inch dia DOW RO membrane BW 30-365), testing & commissioning of the same complete etc as required.	20	Each	32,330.00	646,600.00
55.00	SH-XI : Miscellaneous works				
55.01	Providing and fixing SS wire mesh net on ventilation fans and openings of Sewerage Treatment Plant to prevent ingress of snakes etc. i/c making frame work, fixing the same with nuts, bolts and washers etc complete as reqd.	20	sq. mtr.	350.00	7,000.00
55.02	Providing and fixing G.I. Chain link fencing in front of the Sewerage treatment Plant for disposal of solid sewage waste including making the MS frame work, cutting the chain link as per requirement i/c. necessary drilling, welding, providing & fixing the necessary nuts & bolts, painting etc. as reqd.	20	sq. mtr.	300.00	6,000.00
55.03	Supply, installation, testing & commissioning of 6 lph @ 4 kg/cm2 dosing pump complete etc. as required.	6	Job	3,500.00	21,000.00
55.04	Supply of NACL (Iodine Free)	600000	Kg	5.00	3,000,000.00
55.10	Supply, installation, testing & commissioning of Water Pressure Gauge with Gauge cock 0 - 21 Kg, 150 mm dia. of AAI approved make including connection with the existing pipeline etc. as required.	8	Each	650.00	5,200.00
55.11	Supply, installation, testing & commissioning of Water Pressure Switch having range of 0.7 - 14 kg/cm2 bearing Model No: B424S P5XSCXIS of Indfos make including connection with the existing pipeline etc. as required.	5	Each	1,500.00	7,500.00
Total in Figures					30,568,219.20

(Rupees Three Crore Five Lakhs Sixty-eight Thousand Two Hundred Nineteen and Paise Twenty Only excluding GST.)


22/10/2021.

(सदीप पिपलापुरे/Sandeep Pimlapure)

उप महाप्रबंधक (अभि-विद्युत)/Dy. Gen. Manager (Engg-E) - III,
कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,
For and on behalf of Chairman, Airports Authority of India



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

सं. भा. वि. प्रा. / मंडल-III / ओ. एंड. एम. डब्ल्यू. टी. पी. एस. टी. पी. डब्ल्यू. बी. और एफ. एफ. एस. / 2021 / दिनांक: 10.11.2021
No. AAI/CIRCLE-III/O&M_WTP, STP, WB & FFS/2021/170-179 Date: 10.11.2021

To,
M/s. Voltas Ltd.
Godrej Water Side Tower - 2,
8th Floor, Plot No. 5, Block DP,
Sector V, Salt Lake, Sector V,
Salt Lake, Kolkata - 700091
e-mail: subhrojyotidutta@voltas.com

विषय: एनएससीबीआई एयरपोर्ट, कोलकाता में आर एंड एम अन्य विद्युत कार्य। **उपशीर्ष:** डब्ल्यू. टी. पी. एस. टी. पी. कार पार्क सीवेज संपंप, वाटर बॉडी (डब्ल्यू. बी.) और बोर-वेल पंपों का संचालन और दैनिक रखरखाव, पंपों, वाल्वों आदि की विशेष मरम्मत सहित अग्निशमन प्रणाली।

Subject: R and M Other Electrical Works at NSCBI Airport, Kolkata. **SH:** Operation and Day to Day Maintenance of WTP, STP, Car park sewage sump pumps, Water Body (WB) and Bore-Wells Pumps, Fire-fighting system including Special Repair of Pumps, Valves etc.

संदर्भ/Ref.

- ❖ Tender ID: 2021_AAI_75257_1
- ❖ AAI's letter No.: AAI/CIRCLE-III/EMD-III/O&M_WTP, STP, WB & FFS/2021/86 dated 16.08.2021
- ❖ M/s. VOLTAS LTD. Letter No.: GO No. 1115/FF/SD/O&M/1 dated 16.08.2021
- ❖ AAI's letter No.: AAI/CIRCLE-III/EMD-III/O&M_WTP, STP, WB & FFS/2021/95A dated 06.09.2021
- ❖ M/s. VOLTAS LTD. Letter No.: GO: 1115/SM/BV/2021/2804A dated 07.09.2021

महोदय/Dear Sir (s),

- 1) ऊपर उल्लिखित कार्य के द्विभाजित मदों (जैसा कि एम.एस.एम.ई. खरीद नीति 2012 के अनुपालन में किया गया है) के लिए आपकी उद्धृत दरें, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से कुल रु.1,29,68,772.90 (एक करोड़ उनतीस लाख अड़सठ हजार सात सौ बहत्तर रुपये और नब्बे पैसे) केवल वस्तु एवं सेवाकर रहित स्वीकार की जाती हैं। कार्य की अनुसूची इसके साथ संलग्न है।

Your quoted rates for bifurcated items (as done in compliance to MSME Procurement Policy 2012) of work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India totaling to **Rs.1,29,68,772.90 (Rupees One Crore Twenty-nine Lakhs Sixty-eight**



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Thousand Seven Hundred Seventy-two and Paise Ninety) Only, excluding of GST. Schedule of work is enclosed herewith.

- 2) उप महा प्रबंधक (अभि.-वि.)- III, भा.वि.प्रा., ने.सु.चं.बो.अं. कोलकाता हवाईअड्डा, इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप दिनांक 22/11/2021 तक उप महा प्रबंधक (अभि.-वि.)- III, भा.वि.प्रा., ने.सु.चं.बो.अं. कोलकाता हवाईअड्डा के कार्यालय में उपस्थित हो तथा करारनामे को हस्ताक्षरित करें। ठेके का करारनामा रु. 100/- मात्र के गैर न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा, तथा पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Dy. Gen. Mgr. (Engg. - Elect.) - III, AAI, Kolkata, shall be Engineer-In-Charge of the work. You are requested to attend the O/o Dy. Gen. Mgr. (Engg. - Elect.) - III, AAI, Kolkata - 700052, on or before 22.11.2021 to sign and complete the contract agreement. The contract agreement shall be executed on non-judicial stamp paper of Rs.100.00 (Rupees one hundred only) and cost of the stamp paper shall be borne to you.

- 3) कृपया एएआई प्रोफार्मा के अनुसार एवं एस.सी.सी. के खंड 20 (ए) के अनुपालन में इस पत्र के जारी होने की तारीख से 10 दिनों के अंदर बैंक गारंटी के रूप में सुरक्षा जमा राशि @ 5% रु 6,48,439/- (रुपए छह लाख अड़तालीस हजार चार सौ उनतालीस) मात्र जमा करें। असफल होने पर यह आपके बिलों से घटाया जाएगा और प्रणाली को पूर्ण होने की वास्तविक तिथि से 06 माह की दोष दायित्व अवधि पूरी होने के बाद जारी की जाएगी। बैंक गारंटी का प्रारूप अनुबंध समझौते के GCC में उपलब्ध है।

Please deposit Rs.6,48,439/- (Rupees Six Lakhs Forty-eight Thousand Four Hundred and Thirty-nine) only towards Security Deposit @ 5% in the form of Bank Guarantee as per AAI proforma and in compliance to clause 20 (a) of SCC within 10 days from the date of issue of this letter, failing which the same shall be deducted from your bills and same will be released after completion of Defect Liability Period of 06 months from the actual date of completion of work. The format of Bank Guarantee is available in the GCC of the contract Agreement.

- 4) कृपया एएआई प्रोफार्मा के अनुसार एवं एस.सी.सी. के खंड 20 (बी) के अनुपालन में इस पत्र के जारी होने की तारीख से 30 दिनों के अंदर बैंक गारंटी के रूप में निष्पादन सुरक्षा जमा राशि @ 3% रु 3,89,063/- (रुपए तीन लाख नवासी हजार तिरसठ) मात्र जमा करें एवं परियोजना और प्रचालन के 3 साल पूरा होने के बाद और उससे भी 180 दिन बाद जारी किया जाएगा। बैंक गारंटी का प्रारूप अनुबंध समझौते के GCC में उपलब्ध है।

Please deposit Rs.3,89,063/- (Rupees Three Lakhs Eighty-nine Thousand and Sixty-three) only towards Performance Security @ 3% in the form of Bank Guarantee as per AAI proforma and in compliance to clause 20 (b) of SCC



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within 30 days from the date of issue of letter and same will be released after stipulated date of completion plus 180 days beyond that. The format of Bank Guarantee is available in the GCC of the contract Agreement.

- 5) आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम बेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें और केंद्र तथा राज्य सरकार के नियम जो की निबिदा के दस्तबेज़ पृष्ठ 52 पर दी गई शर्त 19 में हे का अनुपालन 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 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no. 52 of GCC of tender and rules of Central and State Government.

- 6) आपको निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (अभि. - वि.) - III, भा.वि.प्रा., ने.सु.चं.बो.अं. कोलकाता हवाई अड्डा से मिलें। वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Asstt. Gen. Mgr. (Engg.-Elect.), AAI, Kolkata, immediately, who will arrange to handover the site to you.

- 7) काम करने का अनुमत समय 03 साल है, जो कि 22.12.2021 से गिना जाएगा।

Completion period for the work shall be **03 (Three) Years and be reckoned from 22.12.2021.**

- 8) अनुबंध के नियमों और शर्तों के अनुसार और अभियंता प्रभारी के निर्देशानुसार कार्य किया जाएगा।

The work shall be carried out as per contract terms and conditions and as per directive of the Engineer-In-Charge.

- 9) इस ठेके के संबंध में आगे का कोई भी पत्राचार प्रभारी अभियंता, भा.वि.प्रा., ने.सु.चं.बो.अं. कोलकाता विमानक्षेत्र के पते पर किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-In-Charge.

- 10) कृपया पावती एवं पत्र दूसरी प्रत पर हस्ताक्षर करके अधोहस्ताक्षरकर्ता को वापस भेजें।

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.

संदीप पिम्लपुरे / Sandeep Pimlapure
सहायक महाप्रबंधक (अभि. वि.) / DGM (Engg.-Elect.)



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11) अन्य सभी नियम और शर्तें समझौते के अनुसार होंगी।

All other Terms & Conditions shall be as per Agreement.

12) यदि अंग्रेजी और हिंदी के बीच कोई विसंगति है तो अंग्रेजी में व्युत्पन्न अर्थ को वरीयता दी जाएगी।

If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद/Thanking you,

संलग्न/Encl.: Schedule of work.

भवदीय/Yours faithfully,

(संदीप पिंपलापुरे/Sandeep Pimlapure)

उप महाप्रबंधक (अभि-विद्युत)/Dy. Gen. Manager (Engg-E) – III,

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,

For and on behalf of Chairman,
Airports Authority of India.



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

SCHEDULE OF WORK

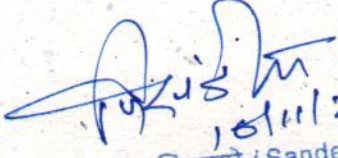
Name of Work: R & M Other Electrical Works at NSCBI Airport, Kolkata; SH: Operation & Day to Day Maintenance of WTP, STP, Car park sewage sump pumps, Water Body (WB) & Bore-Wells Pumps, Fire-fighting system including Special Repair of Pumps, Valves etc.

Ref.:

i) Tender ID: 2021_AAI_75257_1

ii) Work Order No.: AAI/CIRCLE-III/O&M_WTP,STP,WB & FFS/2021/170-179 dated 10.11.2021

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
2.00	HEAD-II: Operation & Daily Maintenance of Fire-Fighting System Round the clock (24x7) Operation for the Fire fighting system installed in Terminal Building alongwith its associated system accessories including & day to day Maintenance of Fire fighting system by carrying out regular inspection, testing, Preventive Maintenance, documentation etc. for the Fire fighting system installed at Terminal-2 as well as Fire fighting pump section near NSCBI Airport Police Station in accordance to the GCC, Special Conditions of Contract and Particular & Technical Specification of Contract and by deploying following minimum manpower (ref. Page No. 208 to 209) at NSCBI Airport, Kolkata. Manpower: i. Shift in-Charge (Highly Skilled): 01 No. per shift – 03 Shift in a day. ii. Electrician/Plumber/Fitter (Skilled): 01 No. per shift – 03 shift in a day. iii. Helper (Un Skilled): 03 Nos. per shift – 03 shift in a day.				
2.01	For First Year (From 22.12.2021 to 02.05.2022)	4.37	Month	374714.42	1,637,502.02
2.02	For Second Year (From 03.05.2022 to 02.05.2023)	12	Month	374714.42	4,496,573.04
2.03	For Third Year (From 03.05.2023 to 02.05.2024)	12	Month	374714.42	4,496,573.04


संदीप पिपलापुरे / Sandeep Pimlapure
उप. महा प्रबंधक (अभि. वि.) / DGM (Engg.-Elect.)
भा. वि. प्रा., ने. सु. चं. बो. अं. हवाई अड्डा / AAI, NSCBI Airport
कोलकाता / Kolkata-700 052



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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
4.00	SH-II : Overhauling & Servicing of pumps, blowers, Fire DG etc.				
4.21	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 15 HP /11 KW Kirloskar make Fire Jockey pump motor set having Class F insulation and protection of IP 55, RPM of 2890, including replacement of mechanical & oil seal, o-ring, moisture sensor, defective bearing, coupling, impellers, and other necessary spare parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required.	3	Job	3000.00	9,000.00
4.22	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 100 HP /75 KW Kirloskar make Fire Hydrant pump motor set having Class F insulation and protection of IP 22, RPM of 1468, having total head of 70 mtr. and discharge capacity of 47.5 ltr/sec including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of bearing, coupling, impellers and other necessary parts if required, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Pump Model: Kirloskar Make, Type DSM 5BE	4	Job	5000.00	20,000.00
4.23	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 90 HP /67.5 KW Kirloskar make Fire Hydrant pump motor set having Class F insulation and protection of IP 22, RPM of 1465, having total head of 70 mtr. and discharge capacity of 47.5 ltr/sec including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, and other necessary spare parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Pump Model: Kirloskar Make, Type DSM 5BE	3	Job	5000.00	15,000.00

[Signature]
10/11/2020

संदीप पिपलापुरे / Sandeep Pimplapure
इप. मह. इंजीनियर (अभि-वि.) / DGM (Engg.-Elect.)
भा.वि.प्रा., ने.सु.चं.को.अं. हवाई अड्डा / AAI, NSCB Airport
कोलकाता / Kolkata-700 052



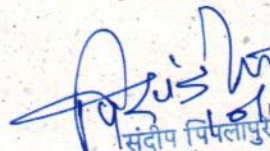
भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
4.24	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 10 HP /7.5 KW Kirloskar make Fire Jockey pump motor set having Class F insulation and protection of IP 55, RPM of 1450, having total head of 70 mtrs. and discharge capacity of 15 m3/hr including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, and other necessary spare parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Pump Model: Kirloskar Make, Type RKB 50/15L9	4	Job	2500.00	10,000.00
4.25	Servicing and complete overhauling of 3 phase 415 Volts, 50 Hz, 75 HP /55 KW Kirloskar make Fire Hydrant / Sprinkler pump motor set having Class F insulation and protection of IP 55, RPM of 1450, having total head of 70 mtrs. and discharge capacity of 171 m3/hr including replacement of mechanical & oil seal, o-ring, moisture sensor, replacement of defective bearing, coupling, impellers, and other necessary spare parts, heat varnishing the motor etc. as required after dismantling the existing pump set, reinstallation after overhauling, testing and commissioning etc. complete as required. Pump Model: Kirloskar Make, Type DSM 125/40	6	Job	4000.00	24,000.00
4.26	Carrying out B Check servicing of 67.7 KW / 92 HP Kirloskar make fire engine, Type 6R1080 including replacement of entire lub oil, fuel filter element pre, fuel filter element micro, spin on filter for lubricating oil, air filter etc. as required as per OEM recommendations as well as carrying out the work through OEM along with submission of service reports etc. as required.	3	Job	34000.00	102,000.00
4.27	Carrying out B Check servicing of 75 KW / 100 HP Cummins make fire engine, including replacement of entire lub oil, fuel filter element pre, fuel filter element micro, spin on filter for lubricating oil, air filter etc. as required as per OEM recommendations as well as carrying out the work through OEM along with submission of service reports etc. as required.	2	Job	21000.00	42,000.00



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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
18.00	Supply, erection, fabrication, testing & commissioning of MS black steel pipe Heavy grade conforming to IS : 1239 Part -1 /3589 including supply of all fittings viz. Elbows, tees, flanges, etc. reducer clamps, MS support dash fasteners etc. including painting the pipe with two coats of approved red oxide primer and two coats of approved red enamel paint and welded joints complete with cutting and making good the complete with cutting and making good the walls, floors or any other surface.				
18.01	80 mm	20	Mtr.	1200.00	24,000.00
18.02	100 mm	20	Mtr.	1500.00	30,000.00
18.03	150 mm	20	Mtr.	1600.00	32,000.00
18.04	200 mm	20	Mtr.	2400.00	48,000.00
28.00	Supply of 1100 Volts FRLS & Halogen FR-LSH PVC insulated industrial grade copper conductor (unsheathed) Flexible cables conforming to IS 694 of following sizes:				
28.01	2.5 sq. mm (90 mtrs coil)	2	Each	4025.00	8,050.00
28.02	4 sq. mm (90 mtrs coil)	2	Each	5175.00	10,350.00
29.00	Supply of 1100 Volts 3 core 16 sq. mm. PVC insulated and FR PVC Round Sheathed, copper conductor (flexible) industrial cables conforming to IS 694 (100 mtrs. coil)	1	Each	55775.00	55,775.00
30.00	Suply of 1100 Volts grade PVC / XLPE armoured aluminium conductor cables conforming to IS : 7098 (Part I) 1988 of following sizes				
30.01	3.5 x 95 sq. mm	300	Mtr.	431.25	129,375.00
30.02	3.5 x 240 sq. mm	80	Mtr.	1018.90	81,512.00
31.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following sizes direct in ground including excavation, sand cushioning, protective covering and refilling etc. as required.				
31.01	Above 35 sq. mm and upto 95 sq. mm.	30	Mtr.	100.00	3,000.00
31.02	Above 185 sq. mm and upto 400 sq. mm.	10	Mtr.	150.00	1,500.00


संदीप पिपलापुर / Sandeep Pimplapure
जय महा प्रबंधक (अभि-वि.) / DGM (Engg.-Elect.)
कोलकाता / Kolkata / AAI, NSCB Airport

नेताजी सुभाष चंद्र बोस अन्तरराष्ट्रीय विमानपत्तन, कोलकाता-700 052 फोन : 033-2511-9266 वेबसाइट : www.aai.aero

NETAJI SUBHAS CHANDRA BOSE INTERNATIONAL AIRPORT, KOLKATA-700 052 FAX : 033-2511-9266 Website : www.aai.aero



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
32.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following sizes in the existing RCC/HUME/METAL pipe as required.				
32.01	Above 35 sq. mm and upto 95 sq. mm.	10	Mtr.	100.00	1,000.00
32.02	Above 185 sq. mm and upto 400 sq. mm.	10	Mtr.	150.00	1,500.00
33.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following sizes in the existing masonry open duct as required.				
33.01	Above 35 sq. mm and upto 95 sq. mm.	10	Mtr.	100.00	1,000.00
33.02	Above 185 sq. mm and upto 400 sq. mm.	10	Mtr.	150.00	1,500.00
34.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following sizes on wall surface as required.				
34.01	Above 35 sq. mm and upto 95 sq. mm. (clamped with 25x3 mm MS flat clamp)	200	Mtr.	100.00	20,000.00
34.02	Above 185 sq. mm and upto 400 sq. mm. (clamped with 40x3 mm MS flat clamp)	60	Mtr.	150.00	9,000.00
35.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following sizes on cable tray as required.				
35.01	Above 35 sq. mm and upto 95 sq. mm. (clamped with 25x3 mm MS flat clamp)	10	Mtr.	100.00	1,000.00
35.02	Above 185 sq. mm and upto 400 sq. mm. (clamped with 40x3 mm MS flat clamp)	20	Mtr.	150.00	3,000.00
36.00	Supplying and making end termination with brass compression gland and aluminium lugs for following sizes of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
36.01	3.5 x 95 sq. mm	12	Each	604.90	7,258.80
36.02	3.5 x 240 sq. mm	12	Each	1477.75	17,733.00
37.00	Earthing with GI earth pipe 4.5 mtrs. 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.	4	Each	9487.50	37,950.00

Sandeep Pimlapure
10/11/2021

संदीप पिमलपुरे / Sandeep Pimlapure



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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
38.00	Providing and fixing 25 mm x 5 mm copper strip on surface or in recess for connections etc. as required.	10	Mtr.	1115.50	11,155.00
39.00	Providing and fixing 25 mm x 5 mm GI strip on surface or in recess for connections etc. as required.	40	Mtr.	74.75	2,990.00
40.00	Providing and fixing 6 SWG dia GI wire on surface or in recess for loop earthing as required	30	Mtr.	18.40	552.00
41.00	Providing and fixing 4 mm dia copper wire on surface or in recess for loop earthing as required	30	Mtr.	103.50	3,105.00
42.00	Supply, installation, testing and commissioning of 4 pole 250 amps On Load changeover switch in SS enclosure conforming to IS : 13947 (Part 3)	2	Job	12075.00	24,150.00
43.00	Providing and fixing of following rating and breaking capacity 3 pole MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections etc. as required.				
43.01	32 Amps, 35 KA	1	Job	4427.50	4,427.50
43.02	65 Amps, 35 KA	1	Job	4427.50	4,427.50
43.03	100 Amps, 35 KA	1	Job	4830.00	4,830.00
43.04	125 Amps, 35 KA	1	Job	5922.50	5,922.50
43.05	200 Amps, 50 KA	2	Job	15180.00	30,360.00
43.06	250 Amps, 50 KA	2	Job	18250.50	36,501.00
46.00	Supply of 230 Volts 1000 watt halogen lamp fitting along with lamp.	10	Each	1265.00	12,650.00
47.00	Supply, installation, testing & commissioning of three pole 63 amps 'C curve' miniature circuit breaker suitable on 240/415 volts complete etc. as required.	2	Each	1023.50	2,047.00
48.00	Supply, installation, testing & commissioning of four pole 63 amps 'C curve' miniature circuit breaker suitable on 240/415 volts complete etc. as required.	2	Each	1374.25	2,748.50

Signature
10/11/2021

संदीप पिपलापुरे / Sandeep Pimplapure
उप. महा प्रबंधक (अभि-वि.) / DGM (Engg.-Elect.)
भा. वि. प्रा. ने. सु. चं. बो. अं. हवाई अड्डा / AAI, NSCB/Airport



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
52.00	SH-VIII: Civil Works				
52.01	Excavation in cement concrete not exceeding 1.5 meters in width, and lift upto 1.5 meters, including getting out the excavated concrete and disposal of excavated concrete as directed within a lead of 50 mtrs.	1000	Cum	100.00	100,000.00
52.02	Earth work in surface excavation including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m as directed by Engineer - in - Charge.	1000	Cum	90.00	90,000.00
52.03	Demolishing of brickwork in cement mortar manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 mtrs as per direction of Engineer in Charge	100	Cum	100.00	10,000.00
52.04	Providing & making of flat brick soiling etc. as reqd.	100	Cum	70.00	7,000.00
52.05	Providing brick work (in width 225 mm or more) with F.P.S. bricks of class designation 7.5 in cement mortar 1: 4 (1 cement : 4 coarse sand) at all levels.	50	Cum	120.00	6,000.00
52.06	Providing and laying in position cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) etc as required	1000	Cum	200.00	200,000.00
52.07	Providing 15 mm thick cement plaster of mix 1:4 (1 cement : 4 fine sand) at all levels.	400	sq. mtr.	150.00	60,000.00
52.08	Providing neat cement in the surrounding wall as well as on the floor as required	400	sq. mtr.	140.00	56,000.00
55.00	SH-XI : Miscellaneous works				
55.05	Supply of Sodium Hypochlorite (NaOCl 8% free chlorine)	50000	ltr.	14.3	715,000.00
55.06	Supply of TASKI R2 (Cleaning chemical agent) or approved equivalent.	100	ltr.	224.40	22,440.00

Signature
10/11/2021

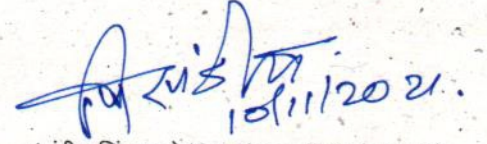
संदीप पिम्लापुरे / Sandeep Pimplapure
उप. महा प्रबंधक (अभि. वि.) / DGM (Engg.-Elect.)
भा. वि. प्रा. ने. सु. चं. बो. अं. हवाई अड्डा / AAI, NSCB Airport



भारतीय विमानपत्तन प्राधिकरण
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Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
55.07	Supply of TASKI R3 (Cleaning chemical agent) or approved equivalent.	100	ltr.	301.40	30,140.00
55.08	Supply of SUMA Inox D7.1 (Cleaning chemical agent) or approved equivalent.	200	ltr.	352.00	70,400.00
55.09	Supply, installation, testing & commissioning of 12V, 100 AH SMF / VRLA battery along with terminal clamps as per AAI Approved make.	10	Job	7877.50	78,775.00
Total in Figures					12,968,772.90

(Rupees One Crore Twenty-nine Lakhs Sixty-eight Thousand Seven Hundred Seventy-two and Paise Ninety Only excluding GST.)



(संदीप पिपलापुरे/Sandeep Pimplapure)

उप महाप्रबंधक (अभि-विद्युत)/Dy. Gen. Manager (Engg-E) - III,
कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,
For and on behalf of Chairman, Airports Authority of India

Signature Not Verified

Digitally signed by SUMAN BISWAS

Date: 2021.12.01 14:12:26 IST

Location: eProcurement System for

Central PSUs