



महाराष्ट्र शासन

कार्यकारी अभियंता, यांत्रिकी विभाग, कुमठा नाका, उजनी
वसाहत, सोलापूर-४१३ ००३.



Office Phone No. ०२१७-२९९०७१४ .27AAAGE1112L1ZS

Email : eemdsolapur@gmail.com

जा. क्र/ यां. वि. सो./लेखा/निविदा / १०७१ /२०२५-२६

३१/०७/२०२५

प्रति,

जिल्हा माहिती अधिकारी,
जिल्हा माहिती कार्यालय,
सोलापूर.

विषय:- निविदा सुचना . ०२ सन २०२५-२६ प्रसिद्धीसाठी देणे बाबत...

महोदय,

वरील विषयांकीत निविदा सुचनेच्या प्रती या पत्रासोबत जोडल्या आहेत. तरी त्या मराठी वर्तमानपत्रात एका वेळेस देणेस यावी.

1	कार्यालयाचे नांव	...	कार्यकारी अभियंता, यांत्रिकी विभाग, सोलापूर
2	निविदा प्रसिद्ध करावयाची तारीख	...	दिनांक 14/07/2025 व त्यापुर्वी
3	प्रसिद्धी पातळी	...	1) जिल्हास्तर १ मराठी वृत्तपत्र 2) साप्ताहिक वृत्तपत्रात एक वेळ प्रसिद्ध करावी.
4	जाहीरातीची बीले कोठे पाठवावयाची तो पत्ता	...	कार्यकारी अभियंता, यांत्रिकी विभाग, सोलापूर . यांचे कार्यालय ईमेल – eemdsolapur@gmail.com

वरील प्रसिद्धीकरणाचे देयके प्रदान करणेसाठी या कार्यालयाचे नावे दोन प्रतीत देयके पाठविण्यात यावी.

सहपत्र : निविदा सुचना क्र. ०२ सन २०२५-२६

कार्यकारी अभियंता,
यांत्रिकी विभाग
सोलापूर

२/- सोबत जोडलेली निविदा सुचना प्राधिकरण कार्यालयाच्या वेबसाईटवर देण्यात यावी ही विनंती.

प्रत :- मा. अधीक्षक अभियंता यांत्रिकी मंडळ पुणे - ४११ ००१

सोबत :- निविदा सुचना क्र. ०२ सन २०२५-२६

प्रत :- या विभागांतर्गत सर्व उपविभागीय अभियंता / अधिकारी यांना माहितीस्तव रवाना

सोबत :- निविदा सुचना क्र. ०२ सन २०२५-२६

प्रत :- कार्यालय सुचना फलक.

जलसंपदा विभाग शासन निर्णय, क्रमांक निविदा ०४१७/प्र.क्र. २४७/मोप्र-१ दिनांक -१८/१०/२०२३

परिशिष्ट-४

महाराष्ट्र शासन

कार्यकारी अभियंता यांचे कार्यालय,

पत्ता- कार्यकारी अभियंता यांत्रिकी विभाग सोलापुर उजनी नगर उजनीवसाहत कुमठानाका सोलापुर-ई-मेल
दूरध्वनी क्र.०२१७-२९९०७१४

निविदा सूचना क्र. ०२ सन २०२५-२६

महाराष्ट्र राज्याच्या राज्यपालांच्या वतीने कार्यकारी अभियंता यांत्रिकी विभाग सोलापुर जलसंपदा विभाग, महाराष्ट्र शासन हे सक्षम निविदाकारांकडून खालील कामाकरीता निविदा मागवित आहेत. सविस्तर निविदा सूचना शासनाच्या <https://wrd.maharashtra.gov.in> या संकेतस्थळावर व विभागीय कार्यालयाच्या सूचना फलकावर उपलब्ध आहे.

निविदा स्वीकारण्याचा अथवा नाकारण्याचा अधिकार कार्यकारी अभियंता, यांत्रिकी विभाग सोलापुर यांनी राखून ठेवला आहे. अट असलेली निविदा स्वीकारली जाणार नाही. सदर निविदा सूचनेमध्ये काही बदल होत असल्यास विभागीय कार्यालयाच्या सूचना फलकावर उपलब्ध करून देण्यात येईल.

कामाचे नांव :- कृष्णा मराठावाडा सिंचन प्रकल्प उपसा सिंचन योजना क्र.२ अंतर्गत टप्पा क्र.२ अंतर्गत टप्पा क्र.२,३ व ५ करिता पंपगृहातील EOT CRANE च्या अतिरिक्त फाँउडेशन प्लेट उभारणी काम.

जिल्हा :- सोलापुर

निविदेची किंमत रुपये :-८१८६८२/-

निविदा उपलब्ध कालावधी — दिनांक १४/०७/२०२५ ते दिनांक २१/०७/२०२५

निविदा उघडण्याचा दिनांक -२३/०७/२०२५

जा.क्र. दि-
कार्यकारी अभियंता यांचे कार्यालय


कार्यकारी अभियंता
यांत्रिकी विभाग सोलापुर

कार्यकारी अभियंता, यांत्रिकी विभाग, सोलापूर यांचे कार्यालय

उजनीनगर, उजनीवसाहत, कुमठानाका, सोलापूर ४१३००३

ccmdsolapur@gmail.com

जा.क्र.यांविसो/तां.शा.१/८५८/२०२५

दिनांक- १५/०५/२०२५

प्रति.

उष अभियंता,

यांत्रिको उपविभाग.

सोलापूर,

उपभविष्यन्ता यांत्रिकी
उपविभाग, सोलापूर

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प्रा. १११

अच्छे के	८८ यात्रिकी
मेरे	मेरे

१३.५.३५
शताब्द

विषय : कृष्णा मराठवाडा सिंचन प्रकल्प उपसा सिंचन योजना क्र 2 अंतर्गत टप्पा क्र. -२, ३ व ४ करिता पंपगृहातील EOT Crane च्या अतिरिक्त फाँउडेशन प्लेट उभारणी कामाचे अंदाजपत्रकाम तांत्रिक मान्यता देणेबाबत...

संदर्भ : आपले पत्र क्र. ४२/२०२५ दि. ०९/०४/२०२५.

महाराष्ट्र शासन सार्वजनिक बांधकाम विभाग, शासन निर्णय क्र. विआसु २०१५/प्र.क्र. २१८/ इमारती ३ नुसार

४२ मधील अ.क्र.५७ व महाराष्ट्र शासन, जलसंपदा विभाग, शासन परिपत्रक क्र.संकीर्ण १०१८ (प्र.क्र.१०९/१८)

दि. २७/०८/२०२१ व शासनपरिपत्रक क्र.संकीर्ण-०५२३ (प्र.क्र.२५/२०२३) यांत्रिकी दि.१४/१०/२०२४ अन्वये प्रदान

अधिकारानुसार, संदर्भित पत्रान्वये आपल्या उपविभागाकडून सादर केलेल्या निम्ननिर्देशित कामास खालील अटी व
र मान्यता प्रदान करण्यात येत आहे.

कामाचे नाव- कृष्णा मराठवाडा सिंचन प्रकल्प, उर्सियो-२, टप्पा क्र. ३, सावरगाव पंपगृह ता. तुळजापूर जि. धाराशिव येथे EOT क्रेन च्या अतिरिक्त फाउंडेशन प्लेट उभारणी करणे काम.

अंदाजपत्रकीय मंजूर रक्कम: रु. १७०१३८.०० रु. नऊ लाख सत्तर हजार एकशे अडीसहूक (सर्व करसहित.)

अटी व शर्ती :

१) सदर कामे ज्या उपशीर्षाखाली करण्यात येणार आहेत तो खर्च कोणत्याही परिस्थितीत वित्तिय वर्षातील मंजूर अनुदानापेक्षा कमी राहील याची दक्षता घ्यावी.

२) सदर कामावरील खर्च प्रमाणित मंजूर दराच्या भर्यादेत राहतील याची दक्षता घ्यावी. यासंदर्भात खातरजमा क्षेत्रिय स्तरावरून करण्यात यावी व तसा अहवाल विभागास सादर करावा.

३) प्रस्तावित पुरवठा व चाचणी केव्हा करण्यात आली यासंदर्भातील नोंदी उपविभागीय स्तरावर ठेवण्यात याव्यात.

४) सदर कामांची गुणवत्ता (गुणनियंत्रण) यांत्रिकीमार्फत प्रमाणित करून अहवाल विभागास सादर करण्यात यावा. तसेच सदर कामाची कार्यक्षमता, अनुकूलता व परिपूर्णता या संदर्भात तत्परतेने नोंद घ्यावी व तसा अहवाल विभागास सादर करावा.

५) शासनाचे विविध करांबाबत (वस्तू व सेवाकर, विमा, कामगार कल्याण उप करई.) प्रचलित नियमानुसार कार्यवाही करावी.

६) उपविभागांतर्गत कर्मचारी वर्ग अनुपलब्धतेमुळे सदर कामे बाहयअभिकरणामार्फत करणे क्रमप्राप्त असल्याची खातरजमा उपविभागीय स्तरावरून करण्यात यावी व त्यानुसार अहवाल सादर करावा. तसेच प्रचलित शासन निर्देशानुसार सदर कामाच्या तपासणी सूचीचा प्रस्ताव शिफारशीसह विभागास सादर करावा.

७) कामे करते वेळी जर शासनाची यंत्रसामग्री तसेच साहित्य वापरात असल्यास त्याचे भाडे व किंमत वसूल करण्यात यावी.

८) विगर सिंचन कामास महामंडळाची व सिंचन अंतर्गत कामास स्थापत्य मंडळाची तथा विषयांकित कामाच्या प्राप्ति सूचीस मान्यता प्राप्त झाल्याशिवाय निविदा प्रक्रिया करण्यात येऊ नये.

९) सदर कामे सर्व प्रचलित शायम निर्णय/परिपत्रके/नियम तथा जिल्हा वार्षिक योजने अंतर्गत कामांचे नियम व आदेशानुसार होतील याची दक्षता घेण्यात यावी.

सोबत: मंजूर अंदाजपत्रक

(५.५. पञ्चमिका)

कार्यकारी अभियंता,
यांत्रिकी विभाग, सोलापूर

प्रत- मा. अधीक्षक अभियंता, यांत्रिकी मंडळ, पुणे यांना माहितीसाठी सविनय सादर.

आ.मु.क्र. १०.००.०००-१२८०-सी १०

वे.क्र.मु. - सी १२२ १०.२.००

आ.वि.सा.क्र.वि.क.अ - १४२५, दिनांक १२.१०.०८

वि.२०१७५ ई.सा.पु.व.वि.क.ए.ए.एस १०५१ १२१०१

पु.वि.प.१

सा.क्र.पु. २२२ ५

P.W.D. २२९ ००

ESTIMATE

Division - Executive Engineer, Mechanical Division, Solapur

Sanctioned Estimate No. - _____ Year 2025-26

Funds - State

Head of Account - 4701, Capital Outlay on Major & Medium Irrigation Project

Sub- Head - 80, General

Service Head - 8443, Civil Deposit of Executive Engineer, Krishna Marathwada Construction Division No.1, Dharashiv

Divisional Head - Estimate for Supply and installation of longitudinal travel arrangement for Double Girder EOT crane at Krishna Marathwada LIS 2 stage 3 and 5 pumphouse. which includes throughout foundation plates fore KMLIS SCH 2-st2 and Additional intermediate plates(@ 500mm CC) for KMLIS SCH 2-st 3 & 5, which includes breaking , chipping , drilling Gantry beam , fixing HT anchor bolts to Foundation Plates & DSL Plates, DG Set, Hydra Crane & Transportation at Site.

The Estimate is framed in the office of the Deputy Engineer, Mechanical Subdivision, Solapur under the control of the Executive Engineer, Mechanical Division, Solapur for the probable expenditure that will be incurred towards Estimate Supply and installation of longitudinal travel arrangement for Double Girder EOT crane at Krishna Marathwada LIS 2 stage 3 and 5 pumphouse. which includes throughout foundation plates fore KMLIS SCH 2-st2 and Additional intermediate plates(@ 500mm CC) for KMLIS SCH 2-st 3 & 5, which includes breaking , chipping , drilling Gantry beam , fixing HT anchor bolts to Foundation Plates & DSL Plates, DG Set, Hydra Crane & Transportation at Site.

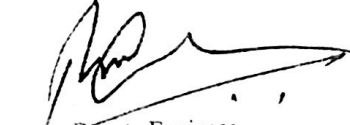
Rs.

970138.00

This estimate is prepared by Mr. V.S. Birangane, Sect. Engineer (Mech) & checked by Mr. R. M. Randive , Dy. Engineer (Mech)

General Description

Estimate is prepared for the probable expenditure that to be incurred for carrying out Job work of Supply and installation of longitudinal travel arrangement for Double Girder EOT crane at Krishna Marathwada LIS 2 stage 3 and 5 pumphouse. which includes throughout foundation plates fore KMLIS SCH 2-st2 and Additional intermediate plates(@ 500mm CC) for KMLIS SCH 2-st 3 & 5, which includes breaking , chipping , drilling Gantry beam , fixing HT anchor bolts to Foundation Plates & DSL Plates, DG Set, Hydra Crane & Transportation at Site.


Deputy Engineer
Mechanical Sub-Division
Solapur

Rates are taken as per Rate taken from WRD CSR 2022-23, 2023-24, CSR Mechanical for yr 2023-24, MUR 24-25 Sr no 7.3 govt Hr 223 dated 16/10/24 and JPC price list

टीप :- गोपबान्धाच्या शेवटी कार्यकारी अभियंता या उर्ध्ववर्गीय अधिकारी यांनी या आवश्यक असल्यास अधीक्षक अभियंता या मुख्य अभियंता यांनी सहो करावी.

सहो दिनांकित (वर्षांतर) असावी

ABSTRACT

Name of Work - Job work of Supply and installation of longitudinal travel arrangement for Double Girder EOT crane at Krishna Marathwada LIS 2 stage 3 and 5 pumphouse, which includes throughout foundation plates for KMLIS SCH 2-st 2 and Additional intermediate plates (@ 500mm CC) for KMLIS SCH 2-st 3 & 5, which includes breaking , chipping , drilling Gantry beam , fixing HT anchor bolts to Foundation Plates & DSL Plates, DG Set, Hydra Crane & Transportation at Site.

A= LIS 2 stage 2 PumpHouse

Sr. No.	Description	Unit	Quantity	Rate (Rs.)	Rate (Rs.) With 1% LW Cess	Amount (Rs)
1	Foundation plate -31000 X 250 MM of 16 mm thickness. wt = $0.25 \times 0.016 \times 31 \times 7850 = 973.40$ SAY 975 x 2 as Total plates required = 02 nos. Total Wt of plate = 1950 kg,	kg	1950 ✓	47.932	48.411 ✓	94402.07 94401.45
2	H.T Anchor Fastener for foundation plate (@500CC) - Dia 16 mm, 150 mm length to be welded/ fitted at bottom and inserted along with plates in gantry beam via chipping, in drilled hole to gantry. Total Fastener required = 31 X 2 plates x 2 fastners @1 mtr equidistance = 124 nos , Wt of fastener with nut = 0.24 kg. plus Anchor Fastener for existin DSL Plates = 60 fastners, Total fastners = 164 nos Total wt of Fasteners wt = $0.24 \times 164 =$ SAY 40 kg	kg	40 ✓	203.00	205.030 ✓	8201.20 ✓ S
3	Generating set 41 - 60 KVA for 10 days (8 X 8 = 64 Hour)	Hour	64 ✓	693.00	699.930 ✓	44795.52 ✓
4	25 MT Hydra crane for material handling 8 Hrs for 8 days = 64 Hrs	Hours	64 ✓	1710.00	1727.100 ✓	110534.40 ✓

Sr. No.	Description	Unit	Quantity	Rate (Rs.)	Rate (Rs.) With 15 L.W Cess	Amount (Rs)
10	Tata 407 MUR 24-25 Sr no 7.3 TO & fro KM From solapur	km	84	32.00	32.320	2714.88
Total Rs = B						228695.36

C = LIS 2 stage 5 PumpHouse

1	Foundation plate - 350 X 200 of 12 mm thickness. = wt = $0.35 \times 0.20 \times 0.012 \times 7850 = 6.594 \times 45$ as Total plates required = 45 nos. Total Wt of plate = 296.73 kg.	kg	296.73	47.932	48.411	14365.09
2	H.T Anchor Fastener for foundation plate (@500CC) - Dia 16 mm, 150 mm length with 01 nut . Total Fastener required = $45 \times 4 = 180$ nos, Wt of fastener with nut = 0.24 kg. plus Anchor Fastener for existin DSL Plates = 60 fastners, Total fastnners = 240 nos Total wt of Fasteners wt = $0.24 \times 240 = \text{SAY } 58 \text{ kg}$	kg	58.00	203.00	205.030	11891.74
3	Generating set 41 - 60 KVA for 7 days (7 X 8 = 56 Hour)	Hour	60	693.00	699.930	41995.80
4	25 MT Hydra crane for material handling 8 Hrs for 8 days = 64 Hrs	Hours	60	1710.00	1727.100	103626.00
5	Excavation in hard gantry beam of EOT Crane, placing the excavated material neatly in approved dump area including cost of all materials, machinery, labour, levelling bed etc., complete.	Hours	24	641.50	647.915	15549.96
6	Magnetic drill machine for drilling no of holes to be drilled of say 14 mm per plate 4 hole = $4 \times 45 = 180$ holes (APPX HRS REQD)	Hr	28	35.00	35.350	989.80
7	appx 5 Fitters for fabrication & Installation etc	Days	$\frac{8}{40}$	650.00	656.500	26260.00

Sr. No.	Description	Unit	Quantity	Rate (Rs.)	Rate (Rs.) With 15 LW Cess	Amount (Rs)
2	H.T Anchor Fastener for foundation plate (@500CC) - Dia 16 mm, 150 mm length with 01 nut . Total Fastener required = $40 \times 4 = 160$ nos, Wt of fastener with nut = 0.24 kg. plus Anchor Fastener for existin DSL Plates = 60 fastners, Total fastnners = 220 nos. Total wt of Fasteners wt = $0.24 \times 220 = \text{SAY } 53 \text{ kg}$	kg	53.00	203.00	205.030	10866.59 ✓
3	Generating set 41 - 60 KVA for 7 days (8 X 8 = 56 Hour)	Hour	56	693.00	699.930	39196.08 ✓
4	25 MT Hydra crane for material handling 8 Hrs for 7 days = 56 Hrs	Hours	56	1710.00	1727.100	96717.60 ✓
5	Excavation in hard gantry beam of EOT Crane, placing the excavated material neatly in approved dump area including cost of all materials, machinery, labour, levelling bed etc., complete.	Hours	22	641.50	647.915	14254.13 ✓
6	Magnetic drill machine for drilling no of holes to be drilled of say 14 mm per plate 4 hole = $4 \times 40 = 160$ holes (APPX HRS REQD)	Hr	24	35.00	35.350	848.40
7	appx 4 Fitters for fabrication & Installation etc	Days	8 32	650.00	656.500	21008.00
8	6 unskilled Mazdoors for chipping, Leveling etc	Days	8 48	604.00	610.040	29281.92
9	Red oxide and Synthetic Enamel black oil paint Single coat of red oxide IS 2074 & double coat of Synthetic Enamel Paint as per IS 2932 = Rs44+Rs91 =113 (Two side of Plate+plus dsl + other miscellenious)	sq mtr	9	113.00	114.130	1027.17

Sr. No.	Description	Unit	Quantity	Rate (Rs.)	Rate (Rs.) With 15 LW Cess	Amount (Rs)
5	Excavation in hard gantry beam of EOT Crane, placing the excavated material neatly in approved dump area including cost of all materials, machinery, labour, levelling bed etc., complete.	Hours	24	641.50	647.915	15549.96 ✓
6	Magnetic drill machine for drilling no of holes to be drilled of say 14 mm per plate = 124 holes (APPX HRS REQD)	Hr	28	35.00	35.350	989.80 ✓
7	appx 6 Fitters for fabrication & Installation etc	Days	8 48	650.00	656.500	31512.00 ✓
8	6 unskilled Mazdoors for chipping, Leveling etc	Days	8 48	604.00	610.040	29281.92 ✓
9	Red oxide and Synthetic Enamel black oil paint Single coat of red oxide IS 2074 & double coat of Synthetic Enamel Paint as per IS 2932 = Rs44+Rs91 =113 (Two side of Plate+plus dsl + other miscellenious APPX)	sq mtr	20	113.00	114.130	2282.60 ✓
10	Tata Tipper 7.5 T capacity TO & fro KM From solapur	km	80	50.79	51.298	4103.83 ✓
Total Rs = A						341652.31

B = LIS 2 stage 3 PumpHouse

1	Foundation plate - 350 X 200 of 12 mm thickness.= wt = 0.35 x 0.20 x 0.012 x 7850 = 6.594 x 40 as Total plates required = 40 nos. Total Wt of plate = 263.76 kg,	kg	264	47.932	48.411	12780.59 ✓
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Sr. No.	Description	Unit	Quantity	Rate (Rs.)	Rate (Rs.) With 15 LW Cess	Amount (Rs)
8	6 unskilled Mazdoors for chipping, Leveling etc	Days	(8) 48	604.00	610.040	29281.92
9	Red oxide and Synthetic Enamel black oil paint Single coat of red oxide IS 2074 & double coat of Synthetic Enamel Paint as per IS 2932 = Rs44+Rs91 =113 (Two side of Plate+plus dsl + other miscellenious)	sq mtr	10	113.00	114.130	1141.30
10	Tata 407 MUR 24-25 Sr no 7.3 TO & fro KM From solapur	km	100	32.00	32.320	3232.00
Total Rs = C						248333.61
* Total Rs.(A+B+C)=						818682.28
Add 0.5 % Insurance on Total Charges Rs. =						4093.41
Add GST 18% on Total Charges Rs. =						147362.81
Grand Total =						970138.00

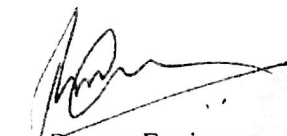
(Rs. Nine Lac Seventy Thousand One Hundred Thirty One Only)

Nine Lakh Seventy Thousand one Hundred thirty Eight only.

1 Rates are taken as per Rate taken from WRD CSR 2022-23, 2023-24, CSR Mechanical for yr 2023-24, MUR 24-25 Sr no 7.3 govt ltr 223 dated 16/10/24 and JPC price list

2 Required steel is not available in workshop.


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Mechanical Sub Division
Solapur

Technically Checked &
Sanctioned For Rs. 970138/-
Nine Lakh seventy Thousand one Hundred thirty
Eight only For 2025-26


(Y. I. Perampalli)
Executive Engineer
Mechanical Division
Solapur

MEASUREMENT

Name of Work - Job work of Supply and installation of longitudinal travel arrangement for Double Girder EOT crane at Krishna Marathwada LIS 2 stage 3 and 5 pumphouse, which includes throughout foundation plates for KMLIS SCH 2-st2 and Additional intermediate plates(@ 500mm CC) for KMLIS SCH 2-st 3 & 5, which includes breaking , chipping , drilling Gantry beam , fixing HT anchor bolts to Foundation Plates & DSL Plates, DG Set, Hydra Crane & Transportation at Site.

A = LIS 2 stage 2 PumpHouse

Sr. No.	Description	Unit	Quantity
1	Foundation plate -31000 X 250 MM of 16 mm thickness.= wt = $0.25 \times 0.016 \times 31 \times 7850 = 973.40$ SAY 975 x 2 as Total plates required = 02 nos. Total Wt of plate = 1950 kg,	kg	1950
2	H.T Anchor Fastener for foundation plate (@500CC) - Dia 16 mm, 150 mm length to be welded/ fitted at bottom and inserted along with plates in gantry beam via chipping, in drilled holesto gantry. Total Fastener required = 31 X 2 plates x 2 fastners @1 mtr equidistance = 124 nos , Wt of fastener with nut = 0.24 kg. plus Anchor Fastener for existin DSL Plates =60 fastners, Total fastners = 164 nos. Total wt of Fasteners wt = $0.24 \times 164 =$ SAY 40 kg	kg	40
3	Generating set 41 - 60 KVA for 10 days (8 X 8 =64 Hour)	Hour	64
4	25 MT Hydra crane for material handling 8 Hrs for 8 days = 64 Hrs	Hours	64
5	Excavation in hard gantry beam of EOT Crane, placing the excavated material neatly in approved dump area including cost of all materials, machinery, labour, levelling bed etc., complete.	Hours	24
6	Magnetic drill machine for drilling no of holes to be drilled of say 14 mm per plate = 124 holes (APPX HRS REQD)	Hr	28
7	appx 6 Fitters for fabrication & Installation etc	Days	8
8	6 unskilled Mazdoors for chipping, Leveling etc	Days	8
9	Red oxide and Synthetic Enamel black oil paint Single coat of red oxide IS 2074 & double coat of Synthetic Enamel Paint as per IS 2932 = Rs44+Rs91 =113 (Two side of Plate+plus dsl + other miscellenious APPX)	sq mtr	20
10	Tata Tipper 7.5 T capacity To & fro KM From solapur	km	80

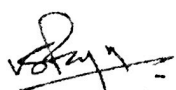
B = LIS 2 stage 3 PumpHouse

1	Foundation plate - 350 X 200 of 12 mm thickness.= wt = $0.35 \times 0.012 \times 7850 = 6.594$ x 40 as Total plates required = 40 nos. Total Wt of plate = 263.76 kg,	kg	264
2	H.T Anchor Fastener for foundation plate (@500CC) - Dia 16 mm, 150 mm length with 01 nut . Total Fastener required = 40 X 4= 160 nos, Wt of fastener with nut = 0.24 kg. plus Anchor Fastener for existin DSL Plates =60 fastners, Total fastnners = 220 nos. Total wt of Fasteners wt = $0.24 \times 220 =$ SAY 53 kg	kg	53.00
3	Generating set 41 - 60 KVA for 7 days (8 X 8 = 56 Hour)	Hour	56

Sr. No.	Description	Unit	Quantity
4	25 MT Hydra crane for material handling 8 Hrs for 7 days = 56 Hrs	Hours	56
5	Excavation in hard gantry beam of EOT Crane, placing the excavated material neatly in approved dump area including cost of all materials, machinery, labour, levelling bed etc., complete.	Hours	22
6	Magnetic drill machine for drilling no of holes to be drilled of say 14 mm per plate 4 hole = $4 \times 40 = 160$ holes (APPX HRS REQD)	Hr	24
7	appx 4 Fitters for fabrication & Installation etc	Days	8
8	6 unskilled Mazdoors for chipping, Leveling etc	Days	8
9	Red oxide and Synthetic Enamel black oil paint Single coat of red oxide IS 2074 & double coat of Synthetic Enamel Paint as per IS 2932 = Rs44+Rs91 = 113 (Two side of Plate+plus dsl + other miscellenious)	sq mtr	9
10	Tata 407 MUR 24-25 Sr no 7.3 To & fro KM From solapur	km	84

C = LIS 2 stage 5 PumpHouse

1	Foundation plate - 350 X 200 of 12 mm thickness. = wt = $0.35 \times 0.20 \times 0.012 \times 7850 = 6.594 \times 45$ as Total plates required = 45 nos. Total Wt of plate = 296.73 kg.	kg	296.73
2	H.T Anchor Fastener for foundation plate (@500CC) - Dia 16 mm, 150 mm length with 01 nut . Total Fastener required = $45 \times 4 = 180$ nos. Wt of fastener with nut = 0.24 kg. plus Anchor Fastener for existin DSL Plates = 60 fastners, Total fastnners = 240 nos Total wt of Fasteners wt = $0.24 \times 240 = \text{SAY } 58 \text{ kg}$	kg	58.00
3	Generating set 41 - 60 KVA for 7 days (7 X 8 = 56 Hour)	Hour	60
4	25 MT Hydra crane for material handling 8 Hrs for 8 days = 64 Hrs	Hours	60
5	Excavation in hard gantry beam of EOT Crane, placing the excavated material neatly in approved dump area including cost of all materials, machinery, labour, levelling bed etc., complete.	Hours	24
6	Magnetic drill machine for drilling no of holes to be drilled of say 14 mm per plate 4 hole = $4 \times 45 = 180$ holes (APPX HRS REQD)	Hr	28
7	appx 5 Fitters for fabrication & Installation etc	Days	8
8	6 unskilled Mazdoors for chipping, Leveling etc	Days	8
9	Red oxide and Synthetic Enamel black oil paint Single coat of red oxide IS 2074 & double coat of Synthetic Enamel Paint as per IS 2932 = Rs44+Rs91 = 113 (Two side of Plate+plus dsl + other miscellenious)	sq mtr	10
10	Tata 407 MUR 24-25 Sr no 7.3 To & fro KM From solapur	km	100


 Sectional Engineer
 Mechanical Sub Division
 Solapur


 Deputy Engineer
 Mechanical Sub Division
 Solapur


 (Y. I. Perampalli)
 Executive Engineer
 Mechanical Division
 Solapur

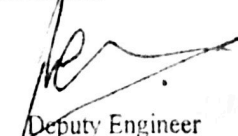
Rate Analysis A= LIS 2 stage 2 PumpHouse

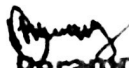
Name of Work - Job work of Supply and installation of longitudinal travel arrangement for Double Girder EOT crane at Krishna Marathwada LIS 2 stage 3 and 5 pumphouse, which includes throughout foundation plates fore KMLIS SCH 2-st2 and Additional intermediate plates(@ 500mm CC) for KMLIS SCH 2-st 3 & 5, which includes breaking , chipping , drilling Gantry beam , fixing HT anchor bolts to Foundation Plates & DSL Plates, DG Set, Hydra Crane & Transportation at Site.

Sr. No.	Description	Unit	Quantity	Rate (Rs.)	Rate (Rs.) With 17% LW Cess	Amount (Rs)	Remark
1	Foundation plate -31000 X 250 MM of 16 mm thickness.= wt = $0.25 \times 0.016 \times 31 \times 7850 = 973.40$ SAY 975 x 2 as Total plates required = 02 nos. Total Wt of plate = 1950 kg,	kg	1950	47.932	48.411	94402.07	JPC price retail for 1.01.2025 to 31.03.2025
2	H.T Anchor Fastener for foundation plate (@500CC) - Dia 16 mm, 150 mm length to be welded/ fitted at bottom and inserted along with plates in gantry beam via chipping, in drilled holesto gantry. Total Fastener required = 31 X 2 plates x 2 fastners @1 mtr equidistance = 124 nos , Wt of fastener with nut = 0.24 kg. plus Anchor Fastener for existin DSL Plates =60 fastners, Total fastners = 164 nos Total wt of Fasteners wt = $0.24 \times 164 =$ SAY 40 kg	kg	40	203.00	205.030	8201.20	Rate taken from WRD Gate DSR for yr 2023-24 , item no - 82, pg no.12.
3	Generating set 41 - 60 KVA for 10 days (8 X 8 =64 Hour)	Hour	64	693.00	699.930	44795.52	Rate taken from WRD Gate DSR for yr 2023-24, item no - 13.3.
4	25 MT Hydra crane for material handling 8 Hrs for 8 days = 64 Hrs	Hours	64	1710.00	1727.100	110534.40	Rate taken from WRD CSR for yr 2023-24, page no 12
5	Excavation in hard gantry beam of EOT Crane, placing the excavated material neatly in approved dump area including cost of all materials, machinery, labour, levelling bed etc., complete.	Hours	24	641.50	647.915	15549.96	Rate taken from WRD CSR for yr 2023-24 , page no 23 EW 6
6	Magnetic drill machine for drilling no of holes to be drilled of say 14 mm per plate = 124 holes (APPX HRS REQD)	Hr	28	35.00	35.350	989.80	Rate taken from WRD CSR for yr 2023-24 , page no 9

Sr. No.	Description	Unit	Quantity	Rate (Rs.)	Rate (Rs.) With 15 LW Cess	Amount (Rs)	Remark
7	appx 6 Fitters for fabrication & Installation etc	Days	8	650.00	656.500	31512.00	Rate taken from CSR Mech for yr 2023-24 . page no 9
8	6 unskilled Mazdoors for chipping, Leveling etc	Days	8	604.00	610.040	29281.92	Rate taken from WRD CSR for yr 2023-24 . page no 11
9	Red oxide and Synthetic Enamel black oil paint Single coat of red oxide IS 2074 & double coat of Synthetic Enamel Paint as per IS 2932 = Rs44+Rs91 =113 (Two side of Plate+plus dsl + other miscellenious APPX)	sq mtr	20	113.00	114.130	2282.60	Rate taken from WRD CSR for yr 2023-24 . page no 11
10	Tata Tipper 7.5 T capacity TO & fro KM From solapur	km	80	50.79	51.298	4103.83	Rate taken from CSR Mechanical for yr 2023-24 pg 15
Total Rs =						341653.31	


 Sectional Engineer
 Mechanical Sub Division
 Solapur

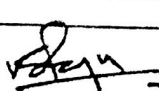

 Deputy Engineer
 Mechanical Sub Division
 Solapur

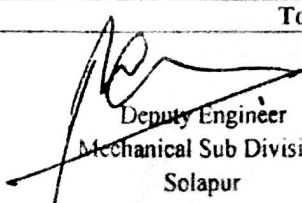

 (Y. I. Perampalli)
 Executive Engineer
 Mechanical Division
 Solapur

Rate Analysis B = LIS 2 stage 3 PumpHouse

Name of Work - Job work of Supply and installation of longitudinal travel arrangement for Double Girder EOT crane at Krishna Marathwada LIS 2 stage 3 and 5 pumphouse, which includes throughout foundation plates for KMLIS SCH 2-st 3 and Additional intermediate plates (@ 500mm CC) for KMLIS SCH 2-st 3 & 5, which includes breaking , chipping , drilling Gantry beam , fixing HT anchor bolts to Foundation Plates & DSL Plates, DG Set, Hydra Crane & Transportation at Site.

Sr. No.	Description	Unit	Quantity	Rate (Rs.)	Rate (Rs.) With 17% LW Cess	Amount (Rs)	Remark
1	Foundation plate - 350 X 200 of 12 mm thickness - wt = $0.35 \times 0.20 \times 0.012 \times 7850 = 6.504 \times 40$ as Total plates required = 40 nos. Total Wt of plate = 263.76 kg.	kg	264	47.932	48.411	12780.59	JPC price retail for 1.01.2025 to 31.03.2025
2	H.T Anchor Fastener for foundation plate (@ 500CC) - Dia 16 mm, 150 mm length with 01 nut . Total Fastener required = $40 \times 4 = 160$ nos. Wt of fastener with nut = 0.24 kg. plus Anchor Fastener for existin DSL Plates = 60 fastners. Total fastnners = 220 nos Total wt of Fasteners wt = $0.24 \times 220 =$ SAY 53 kg	kg	53.00	203.00	205.030	10866.59	Rate taken from WRD Gate DSR for yr 2023-24 , item no - 82, pg no.12.
3	Generating set 41 - 60 KVA for 7 days (8 X 8 = 56 Hour)	Hour	56	693.00	699.930	39196.08	Rate taken from WRD Gate DSR for yr 2023-24, item no - 13.3.
4	25 MT Hydra crane for material handling 8 Hrs for 7 days = 56 Hrs	Hours	56	1710.00	1727.100	96717.60	Rate taken from WRD CSR for yr 2023-24, page no 12
5	Excavation in hard gantry beam of EOT Crane, placing the excavated material neatly in approved dump area including cost of all materials, machinery, labour, levelling bed etc., complete.	Hours	22	641.50	647.915	14254.13	Rate taken from WRD CSR for yr 2023-24 , page no 23 E/W 6
6	Magnetic drill machine for drilling no of holes to be drilled of say 14 mm per plate 4 hole = $4 \times 40 = 160$ holes (APPX HRS REQD)	Hr	24	35.00	35.350	848.40	Rate taken from WRD CSR for yr 2023-24 , page no 9
7	appx 4 Fitters for fabrication & Installation etc	Days	8	650.00	656.500	21008.00	Rate taken from CSR Mech for yr 2023-24 , page no 9
8	6 unskilled Mazdoors for chipping, Leveling etc	Days	8	604.00	610.040	29281.92	Rate taken from WRD CSR for yr 2023-24 , page no 11
9	Red oxide and Synthetic Enamel black oil paint Single coat of red oxide IS 2074 & double coat of Synthetic Enamel Paint as per IS 2932 = Rs44+Rs91 =113 (Two side of Plate+plus dsl + other miscellenious)	sq mtr	9	113.00	114.130	1027.17	Rate taken from WRD CSR for yr 2023-24 page no 11
10	Tata 407 MUR 24-25 Sr no 7.3 TO & fro KM From solapur	km	84	32.00	32.320	2714.88	Rate taken from MUR 24-25 Sr no 7.3 govt ltr 223 dated 16/10/24
Total Rs =						228695.36	

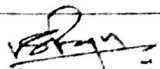

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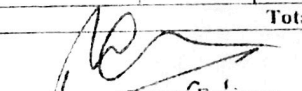

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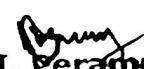
Rate Analysis C = LIS 2 stage 5 PumpHouse

Name of Work - Job work of Supply and installation of longitudinal travel arrangement for Double Girder EOT crane at Krishna Marathwada LIS 2 stage 3 and 5 pumphouse, which includes throughout foundation plates for KMLIS SCH 2-st 3 & 5, which includes breaking, chipping, drilling Gantry beam, fixing H.I intermediate plates (@ 500mm CC) for KMLIS SCH 2-st 3 & 5, which includes breaking, chipping, drilling Gantry beam, fixing H.I anchor bolts to Foundation Plates & DSL Plates, DG Set, Hydra Crane & Transportation at Site.

Sr. No.	Description	Unit	Quantity	Rate (Rs.)	Rate (Rs.) With 1% LW Cess	Amount (Rs)	Remark
1	Foundation plate - 350 X 200 of 12 mm thickness - wt = 0.35 X 0.20 X 0.012 X 7850 = 0.594 X 45 as Total plates required = 45 nos. Total Wt of plate = 296.73 kg	kg	296.73	47.932	48.411	14365.09	IPC price retail for 1.01.2025 to 31.03.2025
2	H.I Anchor Fastener for foundation plate (@ 500CC) - Dia 16 mm, 150 mm length with 01 nut. Total Fastener required = 45 X 4 = 180 nos. Wt of fastener with nut = 0.24 kg plus Anchor Fastener for existin DSL Plates = 60 fastners. Total fastners = 240 nos. Total wt of Fasteners wt = 0.24 X 240 = SAY 58 kg	kg	58.00	203.00	205.030	11891.74	Rate taken from WRD Gate DSR for yr 2023-24, item no - 82, pg no.12.
3	Generating set 41 - 60 KVA for 7 days (7 X 8 = 56 Hour)	Hour	60	693.00	699.930	41995.80	Rate taken from WRD Gate DSR for yr 2023-24, item no - 13.3.
4	25 MT Hydra crane for material handling 8 Hrs. for 8 days = 64 Hrs	Hours	60	1710.00	1727.100	103626.00	Rate taken from WRD CSR for yr 2023-24, page no 12
5	Excavation in hard gantry beam of EOT Crane, placing the excavated material neatly in approved dump area including cost of all materials, machinery, labour, levelling bed etc., complete	Hours	24	641.50	647.915	15549.96	Rate taken from WRD CSR for yr 2023-24, page no 23 EW 6
6	Magnetic drill machine for drilling no of holes to be drilled of say 14 mm per plate 4 hole = 4x 45 = 180 holes (APPX HRS REQD)	Hr	28	35.00	35.350	989.80	Rate taken from WRD CSR for yr 2023-24, page no 9
7	appx 5 Fitters for fabrication & Installation etc	Days	8	650.00	656.500	26260.00	Rate taken from CSR Mech for yr 2023-24, page no 9
8	6 unskilled Mazdoors for chipping, Leveling etc	Days	8	604.00	610.040	29281.92	Rate taken from WRD CSR for yr 2023-24, page no 11
9	Red oxide and Synthetic Enamel black oil paint Single coat of red oxide IS 2074 & double coat of Synthetic Enamel Paint as per IS 2932 = Rs44+Rs91 =113 (Two side of Plate+plus dsl + other miscellenious)	sq mtr	10	113.00	114.130	1141.30	Rate taken from WRD CSR for yr 2023-24, page no 11
10	Tata 407 MUR 24-25 Sr no 7.3 TO & fro KM From solapur	km	100	32.00	32.320	3232.00	Rate taken from MUR 24-25 Sr no 7.3 govt ltr 223 dated 16/10/24
Total Rs =						248333.61	


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