



MANGALORE REFINERY & PETROCHEMICALS LTD.
(A subsidiary of Oil & Natural Gas Corpn. Ltd – ONGC)
Read. Office: Kuthethoor P.O.. Via: Katiballa. Mangalore-575030



Addendum - 1

To

MRPL Tender No. 9680000M1B dated 11.03.2022

**DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF LPG AMINE CONTACTOR FOR
LPG AMINE ABSORBER SYSTEM IN PFCC UNIT AT MRPL, MANGALURU, KARNATAKA**

With reference to the above tender, bidders are requested to note the following:

The items, conditions, specification and stipulations of the Bidding Documents stand modified to the extent indicated in Annexure -1 - Commercial Addendum Annexure-2 – Steel Price Variation Clause.

The implications of the same, elsewhere in the tender document shall be taken care of appropriately by the bidders. All other terms and conditions, stipulations and specifications of tender shall remain unaltered.

Bidders shall submit copy of this Addendum-1 including its Annexure-1 with the techno-commercial bid, duly signed and stamped, as a token of having read and understood the same.

Annexure-1: Commercial Addendum

Sl. No.	Section No. / Clause No.	The Clause/Description stands Modified as below
1	Tender Description: Design, Supply, Installation, Testing & Commissioning assistance for LPG Amine Contactor	Bidders to read changed description as mentioned below: <ul style="list-style-type: none"> • Design, Supply, Installation supervision, Testing & commissioning assistance for LPG Amine Contactor and Supply & installation of internals.
2	NIT, table Sr. No. 11, Page no. 8 of 178, Duration of Contract / Contract Period 12 (Twelve) Months on FOT Site Basis from the date of Purchase Order (PO).The date of receipt of material at site shall be considered as date of delivery	Bidders to read the Duration of Contract / Contract Period as below: <ul style="list-style-type: none"> • 12 (Twelve) Months on FOT Site Basis from the date of Purchase Order (PO).The date of receipt of material at site shall be considered as date of delivery. • Amine Contactor shall be delivered in Single piece along with the packed internals at site as per delivery stated in above point. • Bidders are responsible for Supplying of Contactor at Site as single point responsibility and then after delivery of equipment at site, Amine Contactor shall be erected / installed by TES / MRPL under Supervision of Bidder and prior to 1 month of installation bidders shall be intimated for making arrangements for installation of internals.
3	NIT, Clause no. 5.0 TECHNICAL CRITERIA, Page no. 10 of 178	Bidders to read Technical Criteria as per below: Bidders to ensure submission of technical PTR (one similar Job order) in which they have designed, manufactured and supplied at least one similar equipment in the last 10 years having minimum below mentioned technical descriptions: <ol style="list-style-type: none"> 1. Pressure Vessel/Column / Tower / Reactor with trays or packing 2. MOC: Carbon steel/ Plate Thickness not less than 65mm 3. Length: Not less than 20m 4. Cladding: SS clad
4	New Clause: Steel Price variation	Bidder to note and consider steel price variation as per attached Annexure-II below:

ANNEXURE-II

PRICE VARIATION FOR SUPPLY OF STEEL

1. The price variation shall be applicable on supply price of bulk steel material for site fabrication / construction for permanent incorporation in work i.e. for structural steel, steel plates for tankage works and reinforcement bars (TMT) only.
2. The price variation shall be applicable for structural steel, steel plates for tankagesworks and reinforcement bar (TMT) procured from primary producers only (SAIL/ TATA/ RINL/JSW/ VIZAG/JINDAL).
3. The Contract Price shall be adjusted for any increase/decrease on account of variation in steel price as per the formula below:

$$V = P \times Q \times \frac{M - M_0}{M_0}$$

M_0

Where,

V=Total Variation in material (steel) cost i.e. increase or decrease in the amount (in Rupees) to be paid or recovered.

P= Base Price (excluding taxes and duties) of structural steel and reinforcement bars shall be that as issued from O/o Chief Engineer, CPWD, Delhi NCR for the month for which the last price bid is submitted. The base price (excluding taxes and duties) of steel shall be INR 58715/- per metric ton.

(For example/illustration purpose, the copy of the base price circular as issued by O/o Chief Engineer, CPWD, Delhi NCR for the month of October 2021 is attached Annexure IX to SCC).

Q= Qty of tank steel / structural steel / Reinforcement supplied during the month

M_0 = Price Index for steel reinforcement bars, Structural Steel shall be the All India Wholesale Monthly Price Index for MILD STEEL: LONG PRODUCTS and for steel shall be MILD STEEL: FLAT PRODUCTS released by Office of Economic Advisor to Government of India, Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry corresponding to the period of the base price for the month for which the last price bid is submitted. (For example purpose, the website snapshot of the same for the month of Jan to Dec 2021 is attached as Annexure X to SCC)

M= Price Index for steel reinforcement bars, structural steel shall be the All India Wholesale Monthly Price Index for MILD STEEL: LONG PRODUCTS and for steel shall be MILD STEEL: FLAT PRODUCTS released by Office of Economic Advisor to Government of India, Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry two months prior to the month in which steel is received at the project site and IMIR (Incoming material inspection report) is approved by PMC.

4. Bidder while submitting their offer will consider the base price of steel as given above (i.e. the value of P). The variation payable by OWNER shall be based on the base price of steel (i.e. the value of P) as the reference point.
5. Upto two months prior to the contractual completion date or approved extended completion date (*), upward price variation will be payable considering the applicable indices as per the above formula.
6. However, beyond two months prior to the contractual completion date or approved extended completion date (*), the final indices (i.e the value of M) used for upward price variation shall be restricted to indices prevailing prior two months of the contractual completion date or approved extended completion period (*) as applicable.
(*). Approved extended completion period shall mean the justified extension in completion period.
7. In case of delay by the contractor beyond contractual delivery date for reasons attributable to contractor, final indices used for upward price variation shall be restricted prior to indices prevailing at two months of the contractual completion period only.

8. However, for downward / negative price variation, indices used for the purpose shall be two months prior to the month in which steel is received at the project site and IMIR (Incoming material inspection report) is approved by PMC.
9. In case the extension of contract period is on grounds of additional scope of work, the price escalation shall be paid only on additional scope of work.

(Example for understanding is provided in table below for reference purpose only)

Suppose the contractual delivery date (CDD) (i.e Mechanical completion) is 31st May 2021 and two month prior to CDD is 31st March 2021. Then price variation shall be payable as follows beyond 02 months of CDD for various cases:

Case	Upward Price Variation beyond 31st Mar, 2021	Negative Price variation beyond 31st Mar, 2021
No delay beyond CDD	Indices shall be restricted to March 2021	Actual indices of the month prior to two months in which steel is received at the project site and IMIR (Incoming material inspection report) is approved by PMC.
Delay beyond CDD for reasons not attributable to Contractor & approved extension upto 30 th Sep 2021	Indices shall be restricted upto two months prior to Sept, 2021, i.e. Jul 2021	
Delay beyond CDD upto 30 th Sep, 2021 for reasons attributable contractor	Indices shall be restricted to March 2021	

10. For the purpose of SCC Clause 27, Price adjustment for slippage in completion, the contract value shall be considered inclusive of price variation on account of steel price variation.
11. Even if there is no price adjustment claim, contractor shall submit all relevant data to prove that there is no downward variation.
12. Price variation for materials shall be applicable for measured and certified quantity only.
13. The purchase orders along with all the backup documents for all items, for which price variation is applied as mentioned above shall be sent to EPCM/OWNER within 15 days of placement of purchase orders to vendor(s).

The quantities of various item(s) /material(s) approved by EPCM as above shall only be considered for the purpose of price variation.

Circular issued by O/o Chief Engineer, CPWD, Delhi NCR for the month of October 2021 is attached
[Annexure IX to SCC]



भारत सरकार
केन्द्रीय लोक निर्माण विभाग
डीजी/10सी0ए0/62

महानिदेशक, के०लो०नि०वि० द्वारा प्रदत्त अधिकारों से जारी किया गया

निर्माण भवन, नई दिल्ली

दिनांक 22.11.2021

विशय: निविदा फार्म 7 और 8 में खंड 10 ग क 10(CA) के प्रचालन हेतु अक्टूबर - 2021 माह का सूचकांक व आधार दरें ।

SUB: Base prices and indices for operation of clause 10 CA in contract forms PWD 7 & 8 for the month of **October-2021**

ज्ञापन
MEMORANDUM

Sl.No.	Material	Unit	Base Price for the month of		All India Price index (Base Oct.2012 = 100) for the month of October-2021 (B)/(A)*100 (C)
			Oct-2012	October-2021	
			(A)	(B)	(C)
1	2	3	4	5	6
1	Cement				
	a) Cement (OPC)	MT	3978.00	4100	103.07
	b) Cement (PPC)	MT	3711.00	4094	110.32
2	Reinforcement bars TMT Fe500 D -12 mm				
	a) Primary Producers	MT	45133.00	54000	119.65
3	Structural steel	MT	41529.00	58715	141.38
4	P.O.L (Diesel)	Litre	46.95	91.77	195.46

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22/11/21

NOTE:- 1. Base price & indices for Cement , TMT bars & Structural steel w.e.f July 2017 onwards **are without GST** and for P.O.L (Diesel), it is with VAT.
2. These base prices are applicable for **Delhi, Faridabad, Gurgaon, Ghaziabad and NOIDA only**.

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(इ. सी एस अजिमे)
कार्यपालक अभियन्ता (टास)

सं० 137/अधी०अभि०(टास)/ 10सी0ए0/2021/ 370-हि
प्रतिलिपि: 1 के०लो०नि०वि० की वेबसाइट <http://cpwd.gov.in> द्वारा सभी विशेष महानिदेशक / अपर महानिदेशक / मुख्य अभियन्ता / अधी०अभि० / कार्य०अभि०, के०लो०नि०वि० एवं लो०नि०वि० नई दिल्ली ।

Dated: 22/11/2021

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कार्यपालक अभियन्ता (टास)

All India Wholesale Monthly Price Index for **MILD STEEL: LONG PRODUCTS** and for steel shall be **MILD STEEL: FLAT PRODUCTS** released by Office of Economic Advisor to Government of India, Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry corresponding to the period of the base price for the month for which the last price bid is submitted. (For example purpose, the website snapshot of the same for the month of Jan to Dec 2021)

[ANNEXURE X TO SPECIAL CONDITIONS OF CONTRACT]

भारत सरकार
GOVERNMENT OF INDIA

वाणिज्य एवं उद्योग मंत्रालय
MINISTRY OF COMMERCE & INDUSTRY



हिंदी संस्करण



सत्यमेव जयते

आर्थिक सलाहकार का कार्यालय
**OFFICE OF THE ECONOMIC
ADVISER**
DEPARTMENT FOR PROMOTION OF INDUSTRY AND
INTERNAL TRADE



Wholesale Price Index (WPI)

Monthly Wholesale Price Index
Name of Commodity : d. Mild Steel-Long Products
Type : Group Item
Weight : 1.08063
Base Year : 2011-12 = 100

Month/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2021	125.6	124.7	124.6	127.6	130.9	131.7	131.4	132.9	133.5	140.8	140	139.1

1. Figure 0 may be treated as index for particular item not-available.
2. Figures for the latest two months are provisional. Latest two months are to be reckoned with reference to the latest monthly press release issued.
3. (NR : Not Released) : Please refer official Press Release for more information.

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14.01.2022



सत्यमेव जयते

आर्थिक सलाहकार का कार्यालय
**OFFICE OF THE ECONOMIC
ADVISER**

DEPARTMENT FOR PROMOTION OF INDUSTRY AND
INTERNAL TRADE



एक काम स्वच्छता की ओर

Wholesale Price Index (WPI)

Monthly Wholesale Price Index

Name of Commodity : e. Mild Steel - Flat products

Type : Group Item

Weight : 1.14442

Base Year : 2011-12 = 100

Month/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2021	136.8	134.4	133.5	142.8	152.4	154.9	156.3	156.4	156.3	159.7	163.4	160.6

1. Figure 0 may be treated as index for particular item not-available.
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