



Ref :- JSW-COB-Phase II-133

INTERNAL COMMUNICATION

To :	BPS → RSK	Date:	24-02-2020
From:	SG	Through:	SS
Sub :	Proposal for Quantity amendment approval for Erection of Pipes > 600 mm dia (CS) at Coke Oven Project (Phase-II), LE140890		

Sir,

Please note that, initially we had taken rate approval for Erection of Pipes > 600 mm dia (CS) works for 887 MT considering the scope for battery C&D cellar, COB pipe rack & BPP area.

As per the latest available drawings with us, the cumulative quantity for the above work is 1464 MT against our available order quantity of 750 MT. JSW has confirmed to issue the amended order for the same within this month as per email communication attached.

The balance work requires fabrication of 23 MT of Miter bends, T piece etc. addition to the regular scope of work, we are proposing the rate for the same in line with our approved rate in BF#2 mechanical job.

Based on the above we are attaching here the approval sheet along with ACE comparative statement for your reference.

Kindly accord your approval.

Thanks / Regards,


SG

Encl: A/a

LARSEN AND TOUBRO LIMITED : MMH SBG : M&M BU												
QUANTITY AMENDMENT APPROVAL FOR ERECTION OF PIPES > 600 MM DIA (CS)												
Job Description : Construction & Erection of 3 MTPA Coke Oven Plant at DCPL, Dolvi												
Job Code: LE140890 Date: 25-Feb-20												
Sl No.	Description	UOM	Quantity			Approved S/c Rate	ACE		Sales		Remarks	
			Approved Qty	Proposed Qty	Total Qty		Unit Cost	Total Provision	Unit Cost	Amount		
												(Q)
1	Fabrication & Erection of Piping 600 mm dia and above (Incl. Minor P&M) - All Charges for Fabrication & Erection of Piping 600 mm dia and above as per drawings , technical specification including raw material such as pipes & fittings shifting from L&T stock yard, loading to trailer, unloading at fabrication area, marking, cutting, fit-up, welding, shifting of fabricated items to erection site, placement, alignment, final welding, supporting, mechanical clearance, pressure testing, flushing incl temp looping & painting as per instruction of EIC. Rates including supervision, labour and consumables, safety appliances, minor P&M, overhead & profit etc., other scope of work shall be as per agreed terms & conditions.	MT	400	-107	293	10150	10,395	30,45,735	24,134	70,71,209		
2	Fabrication & Erection of Cellar Piping 600 mm dia and above - All Charges for Fabrication & Erection of Cellar Ducting 600 mm dia and above as per drawings , technical specification including raw material such as pipes & fittings unloading from transporters vehicle, stacking, shifting from L&T stock yard, loading to trailer, unloading at fabrication area, marking, cutting, fit-up, welding, shifting of fabricated items to erection site, placement, alignment, final welding, supporting, mechanical clearance, pressure testing, flushing incl temp looping & painting as per instruction of EIC. Rates including supervision, labour and consumables, safety appliances, overhead & profit etc., other scope of work shall be as per agreed terms & conditions.	MT	187		187	8514	10,087	18,86,325	24,134	45,13,024		
3	Fabrication & Erection of Piping 600 mm dia and above - All Charges for Fabrication & Erection of Piping 600 mm dia and above as per drawings , technical specification including raw material such as pipes & fittings unloading from transporters vehicle, stacking, shifting from L&T stock yard, loading to trailer, unloading at fabrication area, marking, cutting, fit-up, welding, shifting of fabricated items to erection site, placement, alignment, final welding, supporting, mechanical clearance, pressure testing, flushing incl temp looping & painting as per instruction of EIC. Rates including supervision, labour and consumables, safety appliances, overhead & profit etc., other scope of work shall be as per agreed terms & conditions.	MT	300	661	961	8750	10,395	99,89,595	24,134	2,31,92,601		
4	Fabrication and erection of Mitre bends for Dedusting area and Tail Gas lines-All Charges for Fabrication and erection of mitre fabrication works as per drawings and technical specification including shifting from L&T stock yard, loading to trailer, unloading at fabrication area, marking, cutting, fit-up, welding as per instruction of EIC and providing inspection assistance to various NDT works like UT, RT Etc. including caring out DP Test. Rates including Supervision, Labour and Consumables, Safety appliances, Tools& Tackles, Overhead& Profitetc., other scope work shall be as per agreed terms and conditions	MT	0	23	23	14500		2,39,085	24,134	5,55,078	Approved rate in LE171091	
	Total		887	577	1,464	9090	10356	1,51,60,740	24134	3,53,31,912		
	Balance provision Over ACE							18,52,422				
Note : 1 Rate includes Labour, Consumable as per material scope matrix 2 Rate includes cost of safety items like Safety Shoe, Safety Helmet, Gloves, Goggles, Safety belt full body harness, welder apron, Lifeline, Fall arrestor, nose mask, ear plug, leg guards & elbow guards). 3 Rates are exclusive of GST. GST shall be reimbursed at actuals by providing documentary evidence as per T&C. 4 Retention 5% shall be deducted from agency RA Bills. 5 Applicable TDS will be deducted from agency RA bills. 6 PF & ESI for both employee and employer contribution are in Vendor Scope. All labour full & final retrenchment benefits, bonus is in vendor's scope 7 WO Payment Terms: 100.00% On Execution within Zero Days Credit by Cheque/NEFT												
Proposed by						Approved by						
<div><div>U. Ganesan</div><div>(Planning In-Charge)</div></div>						<div><div>Immanuvel</div><div>(Project Manager)</div></div>						<div><div></div><div>(Project Director)</div></div>
						(BUOH)						

JAGAN MOHAN RAO MANDALA

From: Sunil Ravaji Shinde <sunil.shinde@jsw.in>
Sent: 04 February 2020 12:19
To: JAGAN MOHAN RAO MANDALA
Cc: shashank.tiwari@jsw.in; Gokulan S; Sanjay Saha; Kintali Durga Madhaba Patro; Poornalingam Mani
Subject: Re: Order Amendment Required for "Erection of Pipes > 600 mm dia (CS)" item in Coke Oven Phase-II

Ok we will amend the PO qty within this month

Regards

On Tue, Feb 4, 2020 at 10:37 AM JAGAN MOHAN RAO MANDALA <jaganmohanrao@lntecc.com> wrote:

Dear Sir,

This is to inform you, we have received the 1464 MT drawings for executing the "Erection of Pipes > 600 mm dia (CS)" but the same is exceeding the order quantity of 750 MT. As on 15th Jan 2020 through our running bill, 650 MT quantity is certified from JSW. So, considering the same request you to amend the order for raising invoice against the excess quantities.

The detail area wise drawing quantities is attached for your reference.

Sl. No	Item Description	UOM	Phase-II Order Qty	Drawing Avl	Balance Order Req
1	Erection of Pipes > 600 mm dia (CS)	MT	750	1464	714

Regards,

Jagan Mohan Rao M

L&T-Dolvi Site

7205134846

Phase-II Ducting Scope

Sl.No	Area	UOM	Drg Qty
1	BATTERY C(Cellar)	MT	94
2	BATTERY D(Cellar)	MT	94
3	Tar Ammonia Liquor Seperator (ALS)	MT	27
4	Circulating Water Pump House	MT	12
5	Deacidifier & Ammonia Stripping Unit	MT	1
6	Electrostatic Tar Precipitator	MT	33
7	Gas Exhauster Unit	MT	45
8	Primary Gas Cooler	MT	69
9	H2S/NH3/BTX SCRUBBER	MT	78
10	SULFFER RECOVERY UNIT	MT	28
11	PIPE RACK(BPP)	MT	69
12	PIPE RACK(COB)	MT	533
13	TGAS	MT	132
14	Dedusting	MT	162
15	BOD	MT	65
16	Quenching Tower	MT	10
17	Others Flanges/Blind flanges	MT	13
	Total		1,464

Cellar		187.00
BPP		293.38
Other		689.48
TGAS & Dedusting		294.30
		1464.15

Mitre Bend Weight

[illegible]