

**THE MEHAM CO-OPERATIVE SUGAR MILLS LTD., MEHAM**

**Tender form for Fabrication jobs.**

**TECHNICAL BID**

Name of the party: \_\_\_\_\_

Address: \_\_\_\_\_

Details of following technical requirements:-

a) Copy of last year balance sheet or IT return.	
b) Copies of repeat purchase orders from any two standard Sugar Mills.	
c) Copy of certificates of satisfactory performance from the standard consumers.	

**Note: Detailed specifications & qty. are as per Fin.Bid/Tender Form.**

**Note:-**

1. Copy of Balance Sheet or IT Return may be demanded in case of purchase/ job work above Rs.5.00 lacs to ascertain the business-worth of the supplier.
2. Mills may add any other documents considered necessary keeping in view the nature of the items to be purchased/ job work.

**Signature of Tenderer/Authorised representative**

**Name of the representative:**

**Name of the Tenderer:**

**Address:**

**Contact No.**

**E.mail :**

**THE MEHAM COOP. SUGAR MILLS LTD., MEHAM**

*Last date of receipt of tender: 10.8.2015*

*Negotiation date: 12.8.2015 at 11.00 A.M.*

**Subject:- Tender form for Fabrication jobs**

**Name & Address of the party:**

\_\_\_\_\_

\_\_\_\_\_

**Ph. No.** \_\_\_\_\_ **Mobile No.** \_\_\_\_\_ **Fax No.** \_\_\_\_\_

S.No.	WORK	RATE/UNIT	Rate
1	<b>PIPE LINES [M.S./ G.I.]</b>		
A	Dismantling up to 12" including bends, reducers, flanges etc.	per inch dia/ feet length	
B	Erection up to 2" dia.	-do-	
C	-do- above 2" to 12" dia.	-do-	
D	Dismantling, cleaning, burning & refitting of existing pipe lines of all sizes (for cleaning & modification purposes)	-do-	
E	Dismantling, fabrication & erection of above 12" dia.	P.M.T.	
2	<b>Flanges &amp; Blinds</b>		
A	Dismantling of flanges/ Blind for reuse	per inch dia/ pc.	
B	Refitting of old flanges/ Blind [reuse] new	-do-	
C	Fabrication of flanges/ Blind from M. S. plate	-do-	
3	<b>Valves</b>		
A	Dismantling & fitting up to 6" Size	per inch dia/ pc.	
B	Dismantling & fitting from 7" to 12" Size	-do-	
C	Dismantling & fitting above 12" Size	-do-	
G	Dismantling & fitting of MS fabricated right angle/ globe valve of size more than 12" size	-do-	
4	<b>Dismantling &amp; fitting of C.I. pipe &amp; accessories</b>	Per inch dia/ft. length	
5	<b>Dismantling &amp; fitting of S.S. Pipe &amp; accessories.</b>	-do-	

6	<b>Dismantling, Fab. &amp; Erection of M.S./S.S. pipe accessories</b> (tee ,cone ,cross, distance piece, nipple, reducer, bend)	per inch dia/ feet length	
7	<b>Dismantling, Fab. &amp; Erection of M.S. Plate jobs</b> (tanks, gutters, chutes Pipe rolling, Boiler ducting etc.)	PMT	
8	Dis./fab./erection of internal structure of wet scrubber.	Lump sum	
9	<b>Dismantling, Fab. &amp; Erection OF Structure work</b> (Staging, columns, trusses-& pipe support, purline,new plateform etc.)		
A	Dismantling	PMT	
B	Fabrication	-do-	
C	Erection	-do-	
10	<b>Repairing of old plateform dismantling,fab.&amp;erection</b>	Per sq. mtr.	
11	<b>Dismantling, fab. &amp; Erection of railing</b>	Per mtr. length	
12	<b>Patch upto 4 sq. ft. max.&amp; welding work</b>	Per sq. feet.	
B	Welding work ( Two round )	per feet length	
13	<b>Dismantling, Fab. &amp; Erection of M.S. side &amp; bottom Plate jobs</b> (Rake carrier, CC, BE, BC, RBC trough donnelly chute ,fiberizer, Juice screen, juice screen tray ,bagacillo casing,etc	Per sq. mtr.	
14	<b>Rake carrier, C.C., B.E., B.C., R.B.C Troughs, Donnelly chute</b>		
A	Dismantling & erection of new of 2 to 5 mm thick SS plate	Per sq. mtr	
B	Dismantling & fitting of runners of various chain.	per mtr length	
C	Dismantling & fitting of side angles	-do-	
D	Rake carrier drive colum strenghting with 10mm M.S. plate through out the length.	Each column	
E	To provide 200mm channel support at rake drive platform	Each support	
F	To provide support (channel piece) between runner beam and cane carrier side plates.	Per support	
15	<b>Cleaning, welding &amp; grinding of teeth for crown pinion &amp; sprockets as per profile</b>		
A	Crown pinion (Both side of teeth & Bore)	Per Pinion	
B	Crown pinion (Both side of teeth)	Per Pinion	
C	Crown pinion (One side teeth only with bore)	Per Pinion	
D	Crown pinion (One side teeth only)	Per Pinion	
E	Sprocket C.C/B.C	Per Sprocket	
F	Rack carrier sprocket	Per Sprocket	
G	Pinion 22 Teeth Under Feed Roller drive (One side of teeth)	Per Pinion	

H	Pinion 17 Teeth of Under Feed Roller (One side of teeth)	Per Pinion	
I	Welding of cane unloader bridge wheel	Per wheel	
J	Welding of cane unloader trolley wheel	Per wheel	
16	<b>Fabrication &amp; erection of Maceration water tray at mill</b>	Per tray	
17	<b>Fabrication of MS cover for mill bottom bearing (Journal size dia-430mmx540mm)</b>	Per piece	
18	<b>Cane Unloaders</b>		
A	Dismantling of square bar (size-2") runner and fitting new sq. bar 2"at cane unloaders	Per Mtr	
B	Fitting of square bar size 2" runner at cane unloader	Per mtr.	
C	Fabrication & fitting of M.S. Plate 10 mm thk. (appx.) at cane unloaders 300 mm gantary channel	Per Mtr	
D	Extension of cane unloaders grab fingers as per original profile	Each grab	
E	Replacement of cane unloaders cabin M.S. plates.	Per sq. mtr.	
19	<b>Fab &amp; erection of new donnelly chute</b>	Per chute	
20	Replacement of side boxes (dis.,fab/erection) for runners at rack carrier troughs	per mtr.	
21	Dismantling, fabrication and erection of beds (for reduction gear and motor)	Per bed	
22	Bagacillo screens dismantling fabrication & erection	Per piece	
23	Fabrication of crown pinion gear guard	Per pc.	
24	Repair of transmission gear guard .	P. sq.mtr.	
25	Replacement of bridge wheel's jack plates ; size 1.5'x1' (20mm thk)	Per pc.	
26	Fabrication of D.S.M. screens juice boxes.	Per box	
27	Welding of mill roller's sides appx. 1.5 " width peripheral	Per layer	
28	Arcing of mill rollers	Per roller	
29	Hard facing of trash plates teeth side and top surface.	Per trash plate	
30A	Dis,fab & erection of scroll of screw conveyor for DSM screen	Per piece	
B	Fabrication & erection of complete casing of screw conveyor	-do-	
31	TUFR	Per roller	
A	Build up of existing TUFR tips with M.S. electrodes	Per roller	
B.	Hardfacing of existing of TUFR tips	Per roller	
32	Through out welding except holes of Mills TUFR shell	Per roller	
33	Blower fan with alignment		
A	Fabrication, erection & commissioning.	Per fan	

34	Dismantling, fabrication & erection of Bagacillo pipe from bagacillo to vaccum filter	Per inch dia/mtr.	
35	Dismantling, fitting & hydraulic testing of S.S. Tubes (Semi-kestnner, juice heaters )	per tube	
36	Dismantling, fitting & hydraulic testing of S.S. Tubes (vapour cell & evaporator bodies)	per tube	
37	Dismantling, fitting & hydraulic testing of S.S /Brass tubes ( pans )	per tube	
38	Dismantling, fabrication & erection of Pan and quad down take	Lump sum	
39	dismantling, fab. & erection of Pan and Quad calanderia jacket.	Per sq. mtr.	
40	Dismantling & erection Up to 4" pump & 15 H.P.Motor		
A	Dismantling (pump/motor)	Per inch dia/HP	
B	Erection (pump/motor)	-do-	
41	Dismantling & erection of 4" to 8" pump & 15 to 40 H.P.Motor		
A	Dismantling (pump/motor)	Per inch dia/HP	
B	Erection (pump/motor)	-do-	
<b>42</b>	<b>Dismantling &amp; erection of above 8" pump &amp; above 40 H.P.Motor</b>		
A	Dismantling (pump/motor)	Per inch dia/HP	
B	Erection (pump/motor)		
<b>43</b>	<b>Dismantling &amp; erection of G.I./ A.C.C. Sheet</b>		
A	Dismantling	Per sq. feet.	
B	Fitting	-do-	
<b>44</b>	<b>Dismantling &amp; erection of water gutter &amp; ridge</b>		
A	Dismantling	Per running feet	
B	Erection	-do-	
45	<b>Dismantling, fab. &amp; erection of the Melter/ reciever of Sulphur furnace</b>	Per piece.	
46	<b>Dismantling, fabrication &amp; erection of Shell of Sulphur furnace</b>	Per shell	
47	<b>Dismantling, fabrication &amp; erection of scrubber of sulphur furnace</b>	P.M.T.	
48	<b>Dismantling , fabrication &amp; erection of steam jacket of sulphur furnace</b>	Per Pc.	
<b>49</b>	<b>Dismantling, Fabrication &amp; erection of the following with MS plates</b>		
A	Bottom portion of weight juice tank	Per M.T.	
B	Scrappers of Dorr clarifier	Per M.T.	
C	Catcher bottle of Vac. filter	Per M.T.	
D	Bottom of Dorr clarifier	Per M.T.	

E	Mud tray of Vac. Filter	Per M.T.	
F	Mud tank bottom of vac. Filter	PMT	
G	Conical portion of juice/ water/ mud tank	Per sq. mtr.	
<b>50</b>	<b>Dismantling, Fabrication &amp; erection of MS plates of Pan station</b>		
A	Shell of Pans	PMT	
B	Pan tops	-do-	
C	Save-all	Per save-all	
D	Shell of Vac. Crystallizer	PMT	
E	Bottom plates of Syrup & molasses tanks & conditioners	Per M.T.	
F	Side plates of Syrup & molasses tanks & conditioners	-do-	
G	Pan shell strengthening work with MS channels/ angles/ MS plate rings	Per Pan	
H	Top cone strengthening work with MS channels/ angles/ MS plate rings	Per cone	
I	Strengthening of vapour line by inner side supporting of angles/ pipes	Per vapour line	
<b>51</b>	<b>Dismantling, fab. &amp; erection of coils of horizontal crystallizers</b>		
A	Dismantling , fabrication & erection	Per inch dia / feet length	
<b>52</b>	<b>Dismantling, fab. &amp; erection of shaft of crystallizers</b>		
A	Dismantling	Per inch dia/ feet length	
B	Fabrication	-do-	
C	Erection	-do-	
<b>53</b>	<b>Replacement of 3" MS coils (including bends, flange, etc.) of Vertical crystallizers</b>	Per inch dia/ feet length	
<b>54</b>	<b>Dismantling, fab. &amp; erection of arms of A- crystallizers</b>	Per M.T.	
<b>55</b>	<b>Replacement of coils of Dorr &amp; evaporator bodies</b>		
A	Juice coils (Dismantling, Fab. & erection)	Per inch dia./ feet length	
B	Ammonia & gas coils (Dismantling, Fab. & erection)	Per inch dia./ feet length	
<b>56</b>	<b>Replacement of weak MS plates &amp; cooling coils of Molasses tanks</b>		
A	Bottom plates	PMT	
B	Side plates upto height 10mtr	-do-	
C	Top cone plates with supports	-oo-	
D	Cooling coils	per inch dia/feet length	
<b>57</b>	<b>Fabrication of Drum internal plates of boiler</b>	Per piece	
<b>58</b>	<b>Dismantling, fabrication and erection of expansion joints of boiler</b>	L.S.per expansion joint	
<b>59</b>	<b>Erection of transient heaters</b>		
A	Dismantling of Existing transient Heaters	Per piece	
B	Shifting of new transient heater at Site	-do-	

C	Erection of new/ existing transient heaters	do--	
60	<b>Dismantling/ Fab./ Erection of weak portion of partition plates of juice heaters</b>	L.S. per juice heater	
61	<b>Dis./ Repairing/ Fabrication &amp; erection of Bagasse belt conveyor on turnkey basis</b>	Lump sump	
62	<b>Dismantling &amp; refitting of spurger of juice sulphitor for cleaning</b>		
A	Dismantling	per piece	
B	Fabrication	-do-	
C	Erection/refitting.	-do-	
63	<b>Dis, fab &amp; erection of stainer of injection pump/spray pump</b>	Per piece.	
64	Injection channel jail dismantling, fab. & erection.	Per jali	
65	<b>Repairing of agitator of vaccum filter dismantling, fab. &amp; erection.</b>	Per agiattor	
66	<b>Fabrication of sweeper trolly</b>	Per piece	
67	<b>Repairing/ changing of vertical crystallizer arms in top gutter (scraper type) round shape</b>	Lump sump	
68	<b>ETP middle shaft repairing/ replacement</b>	Lump sump	
69	<b>Fab of new lime tank with its shaft, stirer etc. at ETP</b>	Lump sump	
70	<b>Dismantling, fab &amp; erection of save all of evaporator bodies</b>	Per save all	
71	<b>Replacement of juice sulphiter top</b>	Lump sump	
72	<b>Fabrication &amp; fitting of vibro screen</b>		
A	Dismantling	Per screen	
B	Fabriaction	-do-	
C	Erection	-do-	
73	<b>Repairing of sugar melter</b>		
A	Repairing/ replacement of shell of sugar melter	PMT	
B	Replacement of shaft of sugar melter	Per inch dia/ feet length	
C	Replacemnet of arm of sugar melter	per feet length	
74	<b>Stair case (fab. With chequered plate)</b>		
A	Dishmentling	Per step	
B	Fabrication	-do-	
C	Erection	-do-	
75.	Labour supply (per day 8 hours basis)		
A	Fitter	Per person	
B	Welder	-do-	
C	Helper	-do-	

D	Khalasi	-do-	
76	Juice heater cover dismantling, fab. & erection	Each	
A	Refitting with testing by pump.	-do-	
77	Sight glass fitting in condensate bottle of seed & juice heaters/ any vessel,by welding the sight glass.	Lump sum	
78	Quad body shifting with all related valves, pipe lines.	-do-	
79	Stair case at sugar bin fabrication & erection.	-do-	
80	Vaccum crystallizer shell fabrication,erection & patch.	-do-	
81	Shifting of syrup sulphiter to Pan station alongwith concerned connection.	-do-	
82.	Cane Unloader structure strengthening job.	Per M.T.	
83	Fabrication, erection of a tank 950to 1100x1200mm as per sketch(flush heat recovery tank) at Quad platform.	Per tank	
84.	Chevron groove cutting in rollers.	each	
85	Fabrication & erection of bagasse drying fan with casing, fitting of bearing bracket with shaft & pulley i.e. commissioning of this fan (This fan is just like the existing bagassillo blower)	Lump sum	
86	Fabrication and erection of 2 Nos. bagasse spreader (as per sketch) at Mill No. 4 bagasse chute. The final R.P.M. of spreader should not be less than 32. A motor 7.5 HP to 10 HP , 960/1440 RPM with a worm reduction gear box 30:1 with coupling fitting is in the scope of contractor. All machining work is in the scope of mill with bearing bracket.The fourth mill chute is to be covered with lavour system plate of 3 to 5mm with fabricated hings.	Per spreader	
87	Boiler bagasse suite,- fabrication & erection size width + height from 3mm to 5mm plate.	Per mtr.	
88.	I.D. fan motor 200 HP bed fabrication work.	Per bed	
89.	Fabrication & erection of a bed with drive & tail end for mill roller arcing.	Lump sump	
90.	Straightening of old pipe line of thickness 6-8mm into plain sheet by rolling machine	PMT	

**Terms and conditions:-**

- 1- The successful party has to submit Rs. 25000/- as a security money for above 2.5lac work order. The same will be released after crushing season 2015-16.
- 2- That the execution of work will be on labour rate contract base and you will engage your own skilled and unskilled labour for their job.
- 3- Suitable accommodation will be provided to your labour during the period of contract jobs.
- 4- You will ensure all safety precautions to your labour during execution of contract jobs and will be responsible for any untoward incident during execution.



- 5 The mills will not be responsible to pay any compensation for accident or mishap which may occur during the execution of the contractual jobs.
- 6 You will have to take accidental insurance policy for each of your labour engaged during contract period.
- 7 You will submit list of such workers engaged by you for job allotted in the Time Office of the Mills. The list must contained name, father's name, permanent addresses and age of workers.
- 8 That all consumable store items will be issued to you by the mills free of cost on actual Consumption basis.No wastage of consumable items will be allowed.
- 9 You will arrange your own chain blocks, ropes, welding sets, welding cables, gas cutters etc. including the tools required carrying out the contract jobs allotted to you.
- 10 All the scrap material removed by you will have to be stocked at the places as directed by the Chief Engineer. If not stocked at directed place the amount will be deducted on per ton basis from the bill equivalent to Rs. 4xscraprate per ton.
- 11 You will be responsible for any theft of material issued to you.
- 12 70% payment will be made against running bills, 20% will be paid after successful trial and 10% after one month successful working of factory.
- 13 Deduction of income tax will be made as per rules enforce from time to times.
- 14 That in case any dispute or difference about the work contract arises be the parties, the same will be decided by the Managing Director of the mills, Arbitrator, whose decision shall be final and binding on the parties.
- 15 For the details of modification jobs, the contractors may contract to the Chief Engineer or the Chief Chemist of the mills during any working day.
- 16 Service tax will be deducted as per rules..

**Signature of the party**

**Managing Director**

