

SUPPLEMENTAL/BID BULLETIN

Republic of the Philippines
 Metals Industry Research and Development Center
 Gen. Santos Ave., Bicutan, Taguig City 1631
 Tel Nos. 837 0431 to 38 loc. 443 or 444;
 Email: bac@mirdc.dost.gov.ph

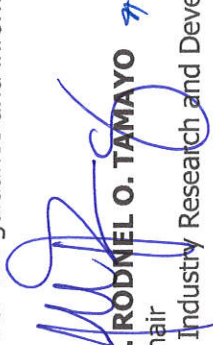
ADDENDUM NO. 5

A query was sent to BAC dated October 9, 2023 regarding some clarifications on the technical specifications for the **"Procurement of One (1) lot Supply, Delivery, and Installation of the Harvester and Barges' Conveyor System, Steering Assembly, Controls System, and Hydraulics System"**. Response is as follows:

	CLARIFICATIONS FROM ROLLMASTER MACHINERY AND INDUSTRIAL SERVICES CORP.	RESPONSE
1.	<p>We would like to inform you that as per checking the provided drawing from BAC, there are some discrepancies in quantity and specs compared to the drawing that was given for reference before pre-bid.</p> <p>Kindly see attached drawings and list for your reference. (Refer to Table 1 and Figures 1&2)</p>	<p>The TWG verified the query per Part Number. Refer to Table 2 for the TWG's response.</p> <p>However, upon the thorough evaluation of changes in the final drawings, the TWG will resort to serve a Variation Order to the winning bidder on the parts that has huge changes in dimensions and quantities while other materials will be supplied by MIRDc. Refer to Table 3.</p> <p>Additionally, the TWG decided to retain the parts with minimal dimensional changes at the same quantities. Refer to Table 4.</p>

This shall form an integral part of the Bidding Documents for the **"Procurement of One (1) lot Supply, Delivery, and Installation of the Harvester and Barges' Conveyor System, Steering Assembly, Controls System, and Hydraulics System"**.

For the guidance and information of all concerned.


ENGR. RODNEL O. TAMAYO
 BAC Chair
 Metals Industry Research and Development Center

FRONT CONVEYOR REVISED PARTS	
Dwg 1.1.1	(See Attached file)
Dwg 1.1.2	(See Attached file)
Dwg 1.1.4	(See Attached file)
Dwg 1.1.5	(See Attached file)
Dwg 1.1.8	Keystock 1 1/2 x 1 1/2 x 6000mm
	1 pc

FRONT CONVEYOR ADDITIONAL PARTS	
Dwg 1.1.7	SS304 sheet 3mm thk x 2500 x 1750mm
Dwg 1.1.10.3	Msp 2" x 46mm
	1 pc
	8 pcs

STORAGE CONVEYOR REVISED PARTS	
Dwg 2.1.1	(See Attached file)
Dwg 2.1.2	(See Attached file)
Dwg 2.1.4	(See Attached file)

STORAGE CONVEYOR REVISED PARTS	
Dwg 2.1.8	Eng Plastic 3mm thk x 4255 x 50mm
Dwg 2.1.9	SS304 sheet 2mm thk x 1720 x 7070mm
	3 pcs
	1 pc

FRONT CONVEYOR MECHANISM ADD PARTS	
Dwg 3.2.12	Carbide O.D. 5mm x 2mm thk
Dwg 3.2.11	Ball Bearing #230/2R15
Dwg 3.2.9	TS4140 260 x 150mm
Dwg 3.2.10	Msp 6mm thk x 65 x 50mm
Dwg 3.3.2	Msp 3mm thk x 100 x 35mm
Dwg 3.4.2	TS4140 255 x 31mm
	2 pcs
	2 pcs
	2 pcs
	16 pcs
	8 pcs
	2 pcs

HULL ATTACHMENT ADD PARTS	
Dwg 4.1	Eng Plastic 1" x 3/75 x 6mm thk
Dwg 4.2	Eng Plastic 1" x 3/75 x 3mm thk
Dwg 4.3	Msp 80 x 50 x 200mm
Dwg 4.4	Msp 12mm thk x 300 x 1000mm
Dwg 4.5.1	Msp 5mm thk x 167 x 62mm
Dwg 4.5.2	1/2" pipe 2" sch 80 x 6000mm
Dwg 4.5.3	Msp 5mm thk x 70 x 42mm
Dwg 4.5.4	1/2" pipe 1" sch 40 x 8500mm
	2 pcs
	2 pcs
	2 pcs
	4 pcs
	1 pc
	1 pc

HYDRAULIC PUMP MOUNTING	
Dwg 7.1	Msp 12mm thk x 3/10 x 300mm
Dwg 7.5	TS4140 240 x 160mm
	1 pc
	1 pc

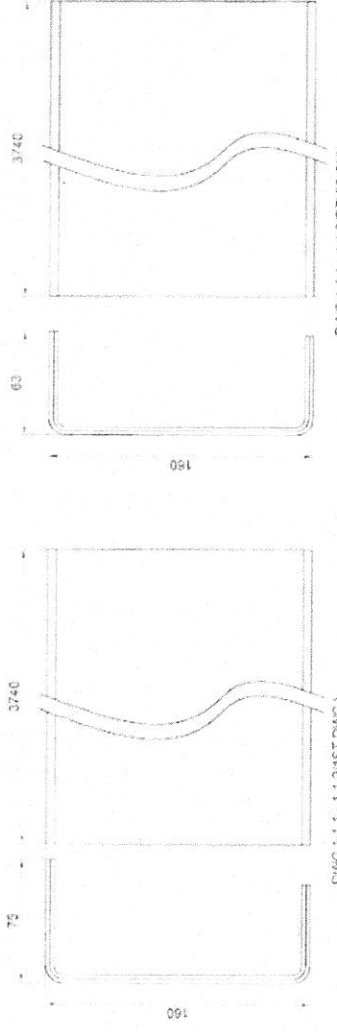
BLADE ADDITIONAL PARTS	
Dwg 1.4.4	SS304 Sheet 2mm thk x 505 x 500
Dwg 1.4.7	SS304 Sheet 2mm thk x 500 x 500
	4 pcs
	4 pcs

CONVEYOR ADDITIONAL PARTS	
Dwg 2.5.7	U Bar 8mm
	174 pcs

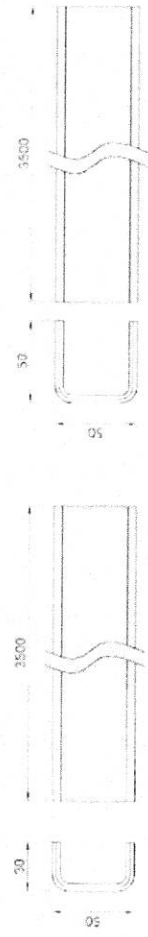
PROPELLER ADD PARTS	
Dwg 5.4.7.6	SS304 Plate 22mm thk x 400 x 110mm
Dwg 5.4.7.7	SS304 Rod Ø 10 x 230mm
Dwg 5.4.7.8	SS304 Rod Ø 150 x 56mm
Dwg 5.4.7.9	SS304 Rod Ø 45 x 355mm
Dwg 5.4.7.10	SS304 Plate Form thk x 155 x 135mm
Dwg 5.9	Msp 50 x 63 x 280mm
	2 pcs
	2 pcs
	2 pcs
	2 pcs

BACK SINGING ADD PARTS	
Dwg 2.4.3	SS304 Sheet 2mm thk x 1869 x 285mm
Dwg 2.4.4	Angle Bar 1" x 1" x 4mm thk x 4000mm
Dwg 2.4.5	Angle Bar 1 1/2 x 1 1/2 x 4mm thk x 1000mm
	1 pc
	1 pc
	1 pc

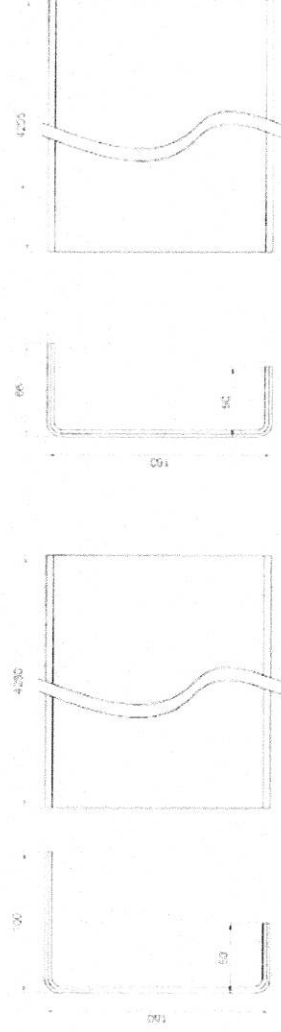
Table 1: Reference list for query of Rollmaster Machinery and Ind'l Services Corp.



DWG 1.1.1.1.2 (REV)
MATL US PLATE 6MM
QTY 2 PCS



DWG 1.1.4.1.5 (REV)
MATL US PLATE 6MM THK
QTY 3 PCS



DWG 2.1.1.2.1 (REV)
MATL US PLATE 6MM
QTY 2 PCS



DWG 2.1.4.2.5 (REV)
MATL US PLATE 6MM THK
QTY 3 PCS

Figures 1 & 2: Reference drawings for query of Rollmaster Machinery and Ind'l Services Corp.

Part No.	Remarks on Rollmaster's Comments
1.1.1	dimensions adjusted (from 1st drawing, but 2nd drawing was retained)
1.1.2	dimensions adjusted (from 1st drawing, but 2nd drawing was retained)
1.1.4	dimensions adjusted (from 1st drawing, but 2nd drawing was retained)
1.1.5	dimensions adjusted (from 1st drawing, but 2nd drawing was retained)
1.1.8	does not exist
2.1.1	dimensions adjusted (from 1st drawing, but 2nd drawing was retained)
2.1.2	dimensions adjusted (from 1st drawing, but 2nd drawing was retained)
2.1.4	no revisions
1.1.7	no revisions
1.1.10.3	no revisions
2.1.8	indicated 4255mm that is revised but 3970mm is the dimension
2.1.9	no revisions
3.2.9	added features (holes), same dimension
3.2.10	no revisions
3.2.11	no revisions
3.2.12	no revisions
3.3.2	no revisions
3.4.7	no revisions
4.1	dimensions adjusted
4.2	dimensions adjusted
4.3	no revisions
4.4	no revisions
4.5.1	additional
4.5.3	additional
4.6.1	additional
4.6.3	additional
7.1	same size & qty / not additional
7.5	same size & qty / not additional (provided by MIRDC, see drawing)
1.4.4	additional
1.4.7	additional
2.5.7	same size & qty
5.4.7.6	same qty / from 30x150x400 TO 20x150x400
5.4.7.6	same qty / from 30x150x400 TO 20x150x400
5.4.7.7	same qty / from 60x423 TO 70x230 (revised but not additional)
5.4.7.8	additional
5.4.7.9	additional
5.4.7.9	additional
5.4.7.10	additional
5.9	same size & qty / not additional
2.4.3	added features (minimal)
2.4.4	added features (minimal)
2.4.5	added features (minimal)

Table 2: TWG Response to the query of Rollmaster Machinery and Ind'l Services Corp.

PARTS WITH ADJUSTED DIMENSIONS AND QUANTITY						
Page No.	Part No.	From Qty	To Qty	Part Name	Remarks	
44	1.4.4	2	6	MAIN BLADE (CUTTER ASSY)	For Variation Order	
47	1.4.6.1	0	2	FLOW GUARD MOUNT PLATE	For Variation Order	
48	1.4.6.2	0	2	FLOW GUARD TOP PLATE	For Variation Order	
49	1.4.6.3	0	2	FLOW GUARD BOT PLATE	For Variation Order	
50	1.4.7	0	4	STAR-SHAPED BLADE	For Variation Order	
162	4.5.1	0	2	CG MOUNTING	For Variation Order	
163	4.5.2	0	2	CG FOOTING	For Variation Order	
164	4.5.3	0	1	CG PIPE HORIZONTAL	For Variation Order	
165	4.5.4	0	1	CG PIPE VERTICAL	For Variation Order	
167	4.6.1	0	1	FCCM MOUNTING	For Variation Order	
168	4.6.2	0	1	FCCM FOOTING	For Variation Order	
169	4.6.3	0	1	FCCM PIPE STAND	For Variation Order	
170	4.6.4	0	2	FCCM PIPE COVER	For Variation Order	
173	5.1	4	5	PS CYLINDER MOUNT	For Variation Order	
141 @DWGSET2	5.1.11	2	0	FCCM PIPE COVER	Removed	
184	5.4.5	5	4	PM PIVOT SHAFT	QTY Reduced	
196	5.4.7.8	0	2	MM BEARING HOUSING PROPELLER SHAFT	For Variation Order	
197	5.4.7.9	0	2	MM PROPELLER SHAFT	For Variation Order	
198	5.4.7.10	0	2	MM BEARING HOUSING SEAL	For Variation Order	
199	5.4.7.11	0	2	MM END CAP	For Variation Order	
188 (table)	5.4.7.13	0	2	6677K31 (STD, MC MASTER) MM TAPERED-ROLLER BEARING WITH STEEL RING	MIRDC Supplied	
188 (table)	5.4.7.14	0	1	90030A133(STD, MC MASTER) MM HEAVY DUTY EXTERNAL RETAINING RING	MIRDC Supplied	
188 (table)	5.4.7.A	0	4	B18.3.1M - 12 x 1.75 x 40 Hex SHCS -- 40NHX (STD) MM HYDRAULIC MOTOR HEX SHCS	MIRDC Supplied	
188 (table)	5.4.7.B	0	8	B18.3.1M - 10 x 1.5 x 16 Hex SHCS -- 16NHX (STD) MM PROPELLER MOUNTING	MIRDC Supplied	
188 (table)	5.4.7.C	0	16	B18.3.1M - 8 x 1.25 x 12 Hex SHCS -- 12NHX (STD) MM PROPELLER MOUNTING	MIRDC Supplied	
188 (table)	5.4.7.D	0	8	B18.3.1M - 8 x 1.25 x 25 Hex SHCS -- 25NHX (STD) MM BEARING HOUSING HEX SHCS	MIRDC Supplied	
188 (table)	5.4.7.E	0	1	94645A370 (STD MC MASTER) MM HIGH-STRENGTH STEEL NYLON-INSERT LOCKNUT	MIRDC Supplied	
188 (table)	5.4.7.F	0	4	B18.3.1M - 8 x 1.25 x 25 Hex SHCS 25NHX (STD) MM END CAP HEX SHCS	MIRDC Supplied	
202	5.4.8.2	2	4	BP SIDE GUIDE	For Variation Order	
203	5.4.8.3	2	4	BP BOTTOM GUIDE	For Variation Order	
200 (table)	5.4.8.4	4	8	B18.3.1M - 12 x 1.75 x 50 Hex SHCS -- 50NHX	MIRDC Supplied	
176 (table)	5.4.13	0	2	Flanged Sleeve Bearing, MC PS MULTIPURPOSE FLANGE SLEEVE	MIRDC Supplied	
176 (table)	5.4.14	0	3	Ball Joint Rod End MC MASTER- 59935K88 (STAD) PM BALL JOINT ROD END	MIRDC Supplied	

176 (table)	5.4.A	0	2	B18.3.1M - 12 x 1.75 x 40 Hex SHCS -- 40NHX (STD) PM SHCS	MIRDC Supplied
176 (table)	5.4.B	5	1	B18.2.4.6M - Heavy hex nut, M24 x 3 --W-N	MIRDC Supplied
210	5.5	5	4	PS PIVOT SHAFT	MIRDC Supplied
172 (table)	5.A-N	5	4	B18.2.4.6M - Heavy hex nut, M24 x 3 --W-N	MIRDC Supplied
172 (table)	5-B	0	1	B18.3.1M-8 x 1.25 x 12 Hex SHCS--12NHX (STD) PS HEX SHCS	MIRDC Supplied
226	6.1.4	0	2	BC FRONT LEFT CHANNEL B	For Variation Order
228	6.1.6	0	2	BC FRONT RIGHT CHANNEL B	For Variation Order
229	6.1.7	14	10	BC CROSSWISE SUPPORT CHANNEL	QTY Reduced
240	6.1.18	0	4	BC JOINT CONNECTION CHANNEL	For Variation Order
289	6.8.1.1	0	4	BSS AH PIPE	For Variation Order
290	6.8.1.2	0	8	BSS AH PLATE	For Variation Order
291	6.8.2	0	4	BSS STICK PIPE	For Variation Order
292	6.8.3	0	4	BSS STICK END	For Variation Order
294	6.8.4.1	0	4	BSS M CHANNEL	For Variation Order
295	6.8.4.2	0	8	BSS M SIDE PLATE	For Variation Order
296	6.8.4.3	0	4	BSS M BOTTOM PLATE	For Variation Order
300	6.9.1	0	4	BHA STORAGE ENG'G. PLASTIC	For Variation Order
301	6.9.2	0	4	BHA FRONT ENG'G. PLASTIC	For Variation Order
302	6.9.3	0	4	BHA STORAGE FB MOUNT	For Variation Order
303	6.9.4	0	4	BHA FRONT FB MOUNT	For Variation Order
304	6.9.5	0	4	BHA STORAGE FB SUPPORT	For Variation Order
305	6.9.6	0	4	BHA FRONT FB SUPPORT	For Variation Order
311	8.1.1	2	4	MOUNTING PLATE TOP AND BOTTOM	For Variation Order
312	8.1.2	1	2	MOUNTING PLATE PUMP SIDE	For Variation Order
313	8.1.3	0	2	MOUNTING PLATE ENGINE SIDE	For Variation Order
309 (table)	8.5	0	2	DIN 6905-9.3-FSI	MIRDC Supplied
309 (table)	8.6	0	2	DIN 6902-A9.3	MIRDC Supplied
309 (table)	8.7	0	6	DIN 6902-A7.4	MIRDC Supplied
309 (table)	8.8	0	7	DIN 6905-7.4-FSI	MIRDC Supplied
309 (table)	8.A	0	6	B18.3.1M - 8 x 1.25 x 25 Hex SHCS -- 25NHX BARGE HYDRAULIC PUMP HEX SCREWS	MIRDC Supplied
309 (table)	8.B	6	2	B18.3.1M - 10 x 1.5 x 20 Hex SHCS -- 20NHX BARGE HYDRAULIC PUMP MOUNTING PLATE HEX SCREWS	MIRDC Supplied

NOTE:

1. Highlighted in yellow were changes seen already by Rollmaster.

**Table 3: Parts that will be served with Variation Order and will be supplied by
MIRDC**

PARTS WITH ADJUSTED DIMENSIONS		
Page No.	Part No.	Remarks
17	1.1.10.2	11.79mm x 14.8mm TO 16mm x 18.33mm (8pcs)
119	3.2.14	M10x 1 THREAD x 25mm LONG TO M10x 1.5 THREAD x 35mm LONG (16pcs)
157	4.1	3500mm TO 3725mm (2pcs)
158	4.2	3500mm TO 3725mm (2pcs)
195	5.4.7.7	FROM 60x423 TO 70x230 (2pcs)
225	6.1.3	FROM 3257.73 LONG TO 1857.73 (2pcs)
227	6.1.5	FROM 3272.42 LONG TO 1857.73 (2pcs)
231	6.1.9	FROM 3053.45 LONG TO 3061.72 (2pcs)
233	6.1.11	FROM 4033.45 LONG TO 4041.72 (2pcs)
234	6.1.12	FROM 4033.45 LONG TO 4041.72 (2pcs)

NOTE:

1. This table is based on the 2nd set of drawing compared to the final set of drawing.
2. Quantities are retained but the dimensions are adjusted minimally.
3. Highlighted in yellow were changes seen already by Rollmaster.

Table 4: Retained parts with same quantity but minimal dimensional changes