


Sabanour Mineral & Industrial Development Company	Hamedan 550,000 T/Y Iron Pelletizing Plant		 SABANOUR <small>SABANOUR MINING AND INDUSTRIAL DEVELOPMENT COMPANY (Public Joint Stock)</small>
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MATERIAL REQUISITION FOR SPEED REDUCER PACKAGE

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Rev.	Date	Prepared by	Approved by	Description

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1. INTRODUCTION

Sabanour Mining and Industrial Development Company intends to supply two speed reducer for Hamedan 550,000 Ton/Year Iron Pelletizing Plant located in the Hamedan Province.

1.1 Definition of terms

Owner	Means Sabanour Mining and Industrial Development Company
Company	Means Sabanour Mining and Industrial Development Company
Contractor	Means Sabanour Mining and Industrial Development Company
Supplier	Means prime supplier responsible for the complete supply.
Sub-supplier	Means a company, which provides components, products or services, to Supplier.
Manufacturer	Means a manufacturer of one group component, packaged by the Supplier.


SHALL and SHOULD – The word *shall* is to be understood as mandatory requirement and the word *should* Indicates a recommendation or that which is advised but not required.

2. SUBJECT OF REQUISITION


This material requisition provides the minimum requirements and information for the supply of two gearboxes as listed in clause 4, in accordance with the applicable project information as listed in the current MRQ and latest edition of the codes and standards mentioned in the project documents.

3. GENERAL REQUIREMENTS

- 3.1 All correspondence, drawings and documents submitted by Supplier shall be in English language.

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- 3.2 International system of units (SI) shall be used in all documents, except for nominal diameter of pipes, fittings, flanges, etc. (that will be in inches), flange ratings and for pressure (measured in bars).
- 3.3 Any contradiction or difficulty in interpreting the different documents raised by the Supplier shall be notified to Owner to obtain their clarification. Any deviation shall be listed, as well as priced, separately. Failure to do so will be interpreted as the Supplier having complied in every detail with Contractor's requirements. No deviation will be permitted without prior written agreement of the Contractor.
- 3.4 Design and manufacturing cannot be started until this clarification has been taken into account by Supplier.
- 3.5 If Supplier considers any exceptions, deviations and /or alternatives, regarding Contractor's requirements, bidder shall clearly define and list them in his proposal under separate section entitled as "List of Deviations". Any deviations or exceptions shall be justified and fully explained in the bid.
- 3.6 After order award, Contractor will not allow any extra price necessitated from failure to comply with specifications.
- 3.7 All materials and components shall be guaranteed by the Supplier against defects or improper materials, poor workmanship and failure due to normal usage for 12 months after placed in service, but not exceeding 18 months after the date of shipment.
- 3.8 Packaging shall be suitable for sea and land transportation and tropical proof, suitable for at least 1-month transit condition and 2-years storage under site conditions.(for Foreign suppliers)
- 3.9 No protection, paint or other filling shall be applied to the contract works before they have been inspected, tested and approved by Contractor or his authorized inspector. After approval and before dispatching, each part of the contract works shall be thoroughly cleaned and appropriately protected and packed in accordance with the Supplier specification.
- 3.10 The Supplier's quotation shall be submitted in three copies and must include the following:
- ✓ Inquiry No. & quotation No.

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- ✓ Promised delivery date.
- ✓ Country of origin.
- ✓ Shipping weights and volumes.

3.11 All final documents/drawings shall be submitted in three copies in addition to those mentioned in attachments of this material requisition.

3.12 A fixed lump sum price is required for each and every item of the quotation. Supplier is required to include in his firm price the provision of all information relevant to handling and transportation of each item to the site.


3.13 Supplier shall include in his firm price the cost of performing all specified tests and inspection including the cost of provision of test certificates.

3.14 Supplier shall submit a separate firm price and list for 2 years operational spares, which will be subject of a separate order.

3.15 All parts and equipment shall be supported by the supplier for 10 years.

4. BILL OF MATERIAL


Pos.	Item	Description	Unit	Qty.
1	Speed reducer package (for travelling great)	<ul style="list-style-type: none"> ✓ Tri-ring speed reducer <ul style="list-style-type: none"> • Qty: 1 • Output speed: 0.4 rpm • Output rotation: <u>CW</u> • Output : hollow shaft (Dia. 240mm) ✓ Gear box <ul style="list-style-type: none"> • Qty: 2 • Input speed: 970 rpm • Ratio: 27.6 • Gearbox input: top ✓ Electromotor <ul style="list-style-type: none"> • Qty: 2 • Power: 7.5 kw • Speed: 970 rpm • External fan required • IP: 64 	Set	1

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		<ul style="list-style-type: none"> ✓ Coupled with Tri-ring speed reducer ✓ According to appendix ✓ Air vent and sight glass is required ✓ Max working temperature: 200 C 		
1	Speed reducer package (for travelling great)	<ul style="list-style-type: none"> ✓ Tri-ring speed reducer <ul style="list-style-type: none"> • Qty: 1 • Output speed: 0.4 rpm • Output rotation: <u>CCW</u> • Output : hollow shaft (Dia. 240mm) ✓ Gear box <ul style="list-style-type: none"> • Qty: 2 • Input speed: 970 rpm • Ratio: 27.6 • Gearbox input: top ✓ Electromotor <ul style="list-style-type: none"> • Qty: 2 • Power: 7.5 kw • Speed: 970 rpm • External fan required • IP: 64 ✓ Coupled with Tri-ring speed reducer ✓ According to appendix ✓ Air vent and sight glass is required ✓ Max working temperature: 200 C 	Set	1
2		The required pre-commissioning, commissioning and start-up parts for items 1 above mentioned	Set	2
3		All special tools required for installation and maintenance for items 1 above mentioned	Set	2
4		Required number of hard copies and the electronic files of all documentation in accordance with order.	Set	2

5. SCOPE OF WORK-SERVICES

- ✓ Providing documents/drawings as mentioned in required documents as listed in clause 8.
- ✓ Procurement of raw materials, parts, etc.
- ✓ Fabrication and assembly of the equipment

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- ✓ Shop tests and inspections
- ✓ Cleaning and flushing after test
- ✓ Preservation, protection and painting
- ✓ Marking
- ✓ Preparation for shipment and packing
- ✓ Shipment and delivery (in site)
- ✓ Attending at all meetings held by Contractor/Consultant
- ✓ Supervision on installation at site
- ✓ Submitting of a separate quotation for spare parts for 2 years operation and maintenance
- ✓ Operation and maintenance manual

6. SUPPLY EXCLUSION


- ✓ Civil Works

7. SPECIAL NOTES

- 7.1 Mechanical design of the equipment for all specified design conditions including lifting for erection is responsibility of the Vendor.
- 7.2 Prototype equipment will not be acceptable. Only equipment with proven record of service shall be quoted. Supplier has to submit a reference list of equipment in similar service at time of bid submission.
- 7.3 The Speed reducer packages shall be furnished completely as shown the current MRQ document. However, the supply shall be including of the following, as minimum:
- ✓ Three-ring speed reducer
 - ✓ Two auxiliary gearbox
 - ✓ Two electromotor with auxiliary fan

8. REQUIRED DOCUMENTS

- ✓ Data sheet and Specification for all components

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- ✓ Assembly drawing
- ✓ Exploding drawing and Part List
- ✓ Test and inspection report and certification
- ✓ Two Years Spare part list
- ✓ Erection manual
- ✓ Operation and maintenance manual

9. Appendix

9.1 Appendix 1: Picture



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