BRAHMAPUTRA CRACKER AND POLYMER LIMITED

[A Government of India Enterprise]

CLARIFICATION– 1

DATE – 08.10.2013

TENDER NO.: BCPL/DIB/C&P/2012/C/R/028/SD

SUB: SUPPLY, INSTALLATION & COMMISSIONING OF 02 NOS. OF 05 TON DOUBLE GRIDER EOT CRANE FOR BCPL, LEPETKATA DIBRUGARH

Kindly note the following clarification with respect to the said tender: -

A. THE SCOPE OF SUPPLY OF 5 TON EOT CRANE:

The scope of supply of 5 Te EOT crane will included its design, manufacturing, assembly, testing & inspection at manufacturer's works, packing, dispatch, transportation, safe delivery at site, required fabrication at site, installation ,testing & commissioning, performance testing ,final painting at site and handing over to BCPL.

The scope of supply shall also include but not to be limited to the following along with necessary fittings, fixtures and accessories:

a) Bridge structure with Platform and Hand railing.
b) Crane rails for longitudinal and cross travel should be supplied, installed and tested by the supplier. Rail material should be as per IS: 2062 grade standard.
c) Travelling mechanism for long travel (LT) and Cross Travel (CT) shall include track wheels; run way rails, end stops with spring/rubber buffers and wheel stops.
d) Trolley
e) Hoisting mechanism
f) Service platform on both sides of crab girder
g) Brake mechanism separately for LT,CT and hoisting
h) **Creep** speed or micro speed is required for all three motions (Long Travel, Cross Travel and Main Hoist).Creep speed should have Pre-Settable minimum 10% to 100% in steps of full speeds by VVVF (Variable Voltage Variable Frequency).

EXCLUDING:

i) Civil works including grouting
ii) Long travel supporting girder structure.

B) Scope of supply for Electrical Components:
(The crane should comply with the relevant safety regulations under the Factories Act, Indian Electricity rules and other statutory regulations as applicable).

All accessories and auxiliary electrical equipment including drive motor, electrically operated brakes, controllers, AC variable frequencies controls conductors, protective devices, operating

devices, cables, conduits etc. necessary for safe and satisfactory operation and maintenance of the crane shall be included in the vendors scope of supply. Electrical equipment shall be adequately tested to permit simultaneous operation of any combination of motions of the crane for its duty service.

The scope of supply relating to electrical portion shall cover:

a) Indicating lamp and sound alarm .All indication lamps shall be LED type with appropriate protection. Sound alarm should have dB level such that it would be audible in the crane operation area.
b) Shrouded Down Shop Lead (DSL).
c) Electrical motors, Control gears and switch gear
d) Main current collectors (one in forward and another near rear)
e) Power disconnecting switch on the crane bridge walk way to be provided immediately after the main current collector gear.
f) Motors and motors control panels.
g) Squirrel cage motors with VVVF drive for all LT, CT and Hoist motions.
h) Protective switch gears
i) Limit Switches
j) Power and control cables, CT motion cables should run in cable drag chain.
k) Pendant push button and wireless remote control for LT, CT and Hoist motions.
l) Independent AC variable frequency control for Main Hoist, CL & LT motions.
m) Earthing of all electrical equipment in Crane

The last date of opening of un-priced bid is 22/10/2013.

Other terms & conditions remains the same.

THANKS & REGARDS,

(SAMRAT DUTTA)
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