TDM PLANTATION

TDM Plantation Sdn. Bhd.
Registration No. : 198301015286 (110679-W)
Kemaman Palm Oil Mill
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Manager,
Kilang Kelapa Sawit Kemaman, Padang Kubu,
24010, Kemaman,
Terengganu.

Sir,

RE: QUOTATION FOR SUPPLY AND INSTALL 2 UNIT NEW NUT SILO SYSTEM COMPLETE WITH CONVEYORS AND EXISTING NUT BIN MODIFICATIONS AT KILANG KELAPA SAWIT KEMAMAN

To provide labour, materials, tools, consumable items, transport and all else necessary to carry out as follows:

DESCRIPTION	QTY	AMOUNT (RM)
Scope of work: 1) To prepare all preliminaries items listed below : i. Contractor all risk and third-party liability insurance ii. Worker's workmen's compensations insurance iii. Site Supervision iv. Contract agreement stamping. v. Remove the existing switchboard located at the old Kernel Crushing Plant (KCP) plant. vi. Mobilization and demobilization vii. Housekeeping	L/S	
2) To provide : i. Details photo during work progress / progress report and to be attached together when issuance DO/Invoice. ii. Detailed Drawing on layout and sizing of the project. iii. Testing and Commissioning iv. As built drawing upon completion of the project (Submission during final claim)		
3) To supply, fabricate, deliver, and install Two (2) unit Nut Silo System :		

i. Two (2) Unit 30mt Nut Silo with : Dimension : a. Diameter : 3400mm b. Height (Cylindrical) : 5500mm c. Height (Total): To be verified on site to suit both, Bottom Conveyor and Nut Silo Feeding Conveyor. ii. One (1) set Shaking Grate for each Silo c/w Motor and Gearbox suit. iii. Housekeeping. iv. Liaise with mill engineer for further details. 4) To supply and install one (1) Unit Nut Level Control System for each Silo c/w Motor and Gearbox suit. : i. Housekeeping. ii. Liaise with mill engineer for further details. 5) To supply and install one (1) Drying Fan for each Silo c/w Motor and Gearbox suit. : i. Sized to suit on-site operational requirements, designed to facilitate the reduction of nut moisture content from approximately 25% to below 12%. ii. Housekeeping. iii. Liaise with mill engineer for further details. 6) To supply and install one (1) Unit Steam Temperature Control Valve for each Silo c/w Motor and Gearbox suit. : i. Housekeeping ii. Liaise with mill engineer fo further details. 7) To supply and install two (2) Set Heaters c/w steam traps, including a new Steam Condensate pipelin for each Silo c/w Motor and Gearbox suit. : i. Steam pipeline connection from the main steam line to the heater, including all necessary fittings to ensure efficient steam delivery.		

ii. Steam Condensate pipeline must be arranged from the heaters to the steam chamber, complete with all associated valves and fittings. iii. Housekeeping iv. Liaise with mill engineer fo further details. 8) To fabricate, deliver and install one (1) unit Nut Silo Feeding Conveyor complete with Motor and Gearbox : i. Dimension a. Diameter : To be proposed by the contractor. b. Height : To be proposed by the contractor. c. Pitch : To be proposed by the contractor. d. Length : To be verified at the site ii. Material a. Body : 6mm Mild Steel b. Ribbon and liner : To be proposed by the contractors. iii. Mechanical Component : a. Hanger Bearing, Drive & End Bearing, Motor and Gearbox, and Coupling : To be proposed by the contractor. i. Positioning of the conveyor to ensure full integration and compatibility with the existing system layout and operational flow Nut Bin and the New Nut Silos. ii. Others (please specify) …… …… …… iii. Housekeeping. iv. Liaise with mill engineer for further details. 9) To fabricate, deliver and install one (1) unit Nut Silo Discharge Conveyor complete with Motor and Gearbox : iv. Dimension a. Diameter : To be proposed by the contractor.		

b. Height : To be proposed by the contractor. c. Pitch : To be proposed by the contractor. d. Length : To be verified at the site v. Material a. Body : 6mm Mild Steel b. Ribbon and liner : To be proposed by the contractors. vi. Mechanical Component : a. Hanger Bearing, Drive & End Bearing, Motor and Gearbox, and Coupling : To be proposed by the contractor. vii. Positioning of the conveyor to ensure full integration and compatibility with the existing system layout and operational flow Nut Bin and the New Nut Silos. viii. Others (please specify) …… …… …… ix. Housekeeping. x. Liaise with mill engineer for further detail.		
10) To fabricate, deliver and install one (1) unit Nut Bin Conveyor No 2 complete with Motor and Gearbox : i. Dimension a. Diameter : To be proposed by the contractor. b. Height : To be proposed by the contractor. c. Pitch : To be proposed by the contractor. d. Length : To be verified at the site ii. Material a. Body : 6mm Mild Steel b. Ribbon and liner : To be proposed by the contractors.		

iii. Mechanical Component : a. Hanger Bearing, Drive & End Bearing, Motor and Gearbox, and Coupling : To be proposed by the contractor. iv. Positioning of the conveyor to ensure full integration and compatibility with the existing system layout and operational flow Nut Bin and the New Nut Silos. v. Others (please specify) …… …… …… vi. Housekeeping. vii. Liaise with mill engineer for further details. 11) To fabricate, deliver and install one (1) unit Dry Nut Elevator complete with Motor and Gearbox : i. Dimension i. Capacity : The elevator capacity must be designed to suit the overall throughput of a 60 TPH palm oil mill. ii. Height : To be verified at the site iii. Bucket Width and Spacing : To be proposed by the contractor. iv. Chain Type : To be proposed by the contractor. v. Inlet : Nut Silo Discharge Conveyor vi. Outlet : Nut Bin Conveyor No 2.. vii. Length : To be verified at the site ii. Positioning of the elevator to ensure full integration and compatibility with the existing system layout and operational flow Nut Bin and the New Nut Silos.		

iii. Others (please specify) …… …… …… iv. Housekeeping. v. Liaise with mill engineer for further details. 12) Electrical Work : To supply labour, tools, material, modify and install new starter board for new power system : i. To install a new starter board complete with all necessary items to set up a good running condition power system. ii. To supply, install, and lay out complete electrical wiring works from the existing main switchboard, including all necessary cable trenches, trays, glands, terminations, and associated accessories. iii. To connect power from the Main Switchboard to individual Sub Switchboards for each motor, including those serving the shaking grate and associated drive motors. iv. Others (please specify) …… …… …… …… v. Housekeeping. vi. Liaise with the mill engineer for further details. 13) To supply and install bottom and top service platforms for the silo including : i. The laying of a water pipeline connected to the existing fire fighting system up to the top platform to mitigate potential fire hazards. ii. Housekeeping. iii. Liaise with mill engineer for further details.		

14) To perform civil works including provision for piling (if required), resurfacing, and tiling of the designated area, complete with an integrated drainage system to ensure proper surface runoff and structural stability. i. Housekeeping. ii. Liaise with mill engineer for further details. 15) To perform surface preparation and application of industrial-grade painting works on all structural components, equipment surfaces, and platforms ensuring long-term durability and protection against environmental exposure. i. Housekeeping. ii. Liaise with mill engineer for further details. 16) To rectify and modify Existing Nut Bin Modification : i. Cut and raise the existing chute by by one plate (approximately 5 ft) ii. iii. Fabricate and install five (5) Nos new discharge chutes complete with airlocks, designed to suit the existing nutcracker units. iv. Repair and rectify any damage or alterations caused during modification, ensuring full restoration of integrated machinery functionality. v. Housekeeping. vi. Liaise with mill engineer for further details. Interested contractors are required to attend a **COMPULSARY** site visit **as mention above at Kemaman Palm Oil Mill, Padang Kubu, Kemaman, Terengganu** before submitting their completed quotation documents.		
TOTAL CONTRACT PRICE		

(Amount in words _____

_____)

Completion Period: _____ weeks

NAME, ADDRESS AND STAMP OF TENDERER: SIGNATURE: