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PURCHASE ORDER

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MTS Ship To Info

MTS Systems Corporation
14000 Technology Drive
EDEN PRAIRIE MN 55344
USA

Terms of Delivery

FCA Free carrier (fr collect) ORIGIN

MTS Routing Guide:

Failure to comply with MTS' Inbound Routing
Guide may result in a debit to your account.
Contact your Buyer with any questions.

Vendor Info

FAR EAST CONTROLS LLC
ROD LARSON C/O NELSON LUMBRE
ISAGANI, MAASIN
6600 SOUTHERN LEYTE
PHILIPPINES

Sales Person: Rod Larson

Vendor #: 108597

Phone: 011-63-53-381-43

Fax #:

Email: rodlarson100@yahoo.com

Vendor Reference:

Our Reference:

MTS Accounts Payable

Email: accounts.payable@mts.com

Terms of Payment: Net in 30

**Minnesota tax status sales and use
tax account No. 948620**

MTS Buyer Info

Buyer: Brenda Walters

Email: Brenda.Walters@mts.com

Phone: 952-937-4973

Fax #: 952-974-8566

MTS inbound freight guide line can be found at: www.mts.com/downloads/supplier/routingguide.pdf

Item	MTS Dock Date	MTS Parts # Description	Rev	Order Qty Unit	Price/Unit	Tax	Net(USD)
10	18.12.2012	Consulting Services - Nelson Lumbre		1 Perf. unit	12.000,00/PU	Y	12.000,00

MTS Term and Conditions:

The parties expressly agree that the purchase and use of Material and/or Services by MTS are subject to MTS' Purchasing Terms and Conditions, in effect as of the date of this document, which are located at <http://www.mts.com/en/about/terms/> and are incorporated by reference this and any ensuing contract.

Item	MTS Dock Date	MTS Parts # Description	Rev	Order Qty	Unit	Price/Unit	Tax	Net(USD)
		On site work for installation, commissioning and acceptance testing of MTS controller upgrade in Dalian, China						
		c/o Nelson Lumbre Isagani Maasin City Southern Leyte Philippines 6600 952-960-1935 Vonage Phone that Rings in Maasin (local call from MN) +63-906-277-4003 Cell Phone in Maasin +63-53-570-9048 Land-Line in Maasin The starting date for on-site work to commence at the Dalian Shaking Table in Dalian, China is tentatively set for 2 weeks from February 18, 2013 through March 1, 2013. Deliverables: Week 1: 1. Install new GUI PC and Motorola PowerPC to replace Radisys Industrial PC and the Ariel Quad-DSP. i. Prior to hardware change, measure existing table transfer functions to verify later that the system upgrade can at least reproduce or improve the previous performance. ii. Remove Radisys PC and Ariel Quad-DSP boards. iii. Install bus jumpers in VME backplane in old Ariel slot. iv. Install Motorola PowerPC. v. Install VME air dams for proper cooling and blank panels. 2. Connect new GUI Windows 7 PC to PowerPC and test boot of new control software. i. Connect Ethernet from GUI PC to PowerPC ii. Connect Serial Port diagnostic channel from GUI PC to PowerPC iii. Connect 2nd Serial Port to MTS 497 chassis. iv. Boot new control software and confirm that PowerPC loads properly and that the 497 communicates to control software. - 2 - Dalian Statement of Work December 13, 2012 Deliverables, Week 1, Cont#d: 3. Verify base operation of new controller software. i. Create new system warm-up settings file. Test Function Generator capability to generate desired phase controlled sine waves for table warm-up process. ii. Test readout devices # oscilloscopes, digital meters, readout panels. iii. Test Function Generator capabilities # Random, Sine Sweep, Sine Step, Data Player file output. iv. Test Data Acquisition with Data Recorder. v. Test Three Variable Controller and Resonance Compensators capability to shape frequency response of the table. vi. Test Adaptive Controls # APC, AHC, AIC, OLI. 4. Tune table system with Bare Table i. Fix Digital I/O to properly run the Vertical Static Lift system 5. Tune table system with Bare Table						

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		i. Table tuning is done without customer training as yet to verify controller performance. 6. Train Customer in operation of new controls i. Training of customer begins for the many differences in the current version of 469D controls. There have been 2 major updates since first installation at this site in 1999. ii. It is expected to have 2 days of instruction to end the work for the 1st week on-site. Deliverables: Week 2: 1. Continue Customer training of new controls i. Customer begins to run the table himself with assistance from MTS. ii. Detailed training of AIC and OLI required by extensive changes in the operation of these adaptive controls. 2. Measure system transfer functions after customer tunes table to verify system performance comparable to original measured results. 3. Final 2 days of installation used to show detailed information about new hardware installed in VME box and new diagnostic tools for PowerPC and the 497 chassis hardware. - 3 - Dalian Statement of Work December 13, 2012 Rates/Payment Terms: Payments Amount When Airfare + Hotel (work with MTS Travel Representative) Billed after successful completion of deliverables Deliverable 1 (week 1) \$3400 + per diem for 5-day work week Billed after successful completion of deliverables Deliverable 2 (week 2) \$3400 + per diem for 5-day work week Billed after successful completion of deliverables						
Total net item value USD								12.000,00
Total net incl. tax								12.000,00

