



KERALA STATE IT MISSION

**Instructions to bidders for
uploading the BOQ for Item
Rate**



Work Item Details

Title	Fire Fighting Detection and Alarm System for MEPZ Special Economic Zone				
Work Description	Fire Fighting Detection and Alarm System for MEPZ Special Economic Zone				
Pre Qualification	As per NIT				
Tender Value	INR 95,00,000	Period Of Work(Days)	210	Bid Validity(Days)	90
Product Category	E and M WORKS	Product Sub Category	NA	Contract Type	Tender
Pre Bid Meeting Place	NA	Pre Bid Meeting Address	NA	Bid Opening Place	KITCO Ltd
Location	Thambaram, Chennai	Pincode	600045	Pre Bid Meeting Date	NA

Critical Dates

Published Date	21-Mar-2014 12:00 PM	Bid Opening Date	01-Apr-2014 10:00 AM
Document Download / Sale Start Date	21-Mar-2014 12:00 PM	Document Download / Sale End Date	27-Mar-2014 03:00 PM
Clarification Start Date	21-Mar-2014 12:00 PM	Clarification End Date	23-Mar-2014 12:00 PM
	24-Mar-2014 09:00 AM	Bid Submission End Date	27-Mar-2014 03:00 PM

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Work Item Documents

S.No	Document Name	Description	Document Size (in KB)
1	NIT.pdf	Notice Inviting Tender	60.53

S.No	Document Name	Document Type	Description	Document Size (in KB)
1	BOQ_17655.xls	BOQ	Price bid	450.5
2	techbid.pdf	Tender Documents	Technical bid	10171.21



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Work Item Details

Title	Fire Fighting Detection and Alarm System for MEPZ Special Economic Zone	
Period Of Work(Days)	210	Bid Validity(Days)
Product Sub Category	NA	Contract Type
Pre Bid Meeting Address	NA	Bid Opening Date
Chennai Pincode	600045	Pre Bid Meeting Date

Download / Sale Start Date	Bid Opening Date
21-Mar-2014 12:00 PM	21-Mar-2014 12:00 PM
Download / Sale End Date	Document Download / Sale End Date
21-Mar-2014 12:00 PM	21-Mar-2014 12:00 PM
Clarification Start Date	Clarification End Date
24-Mar-2014 09:00 AM	24-Mar-2014 09:00 AM
Clarification End Date	Bid Submission End Date
	24-Mar-2014 09:00 AM

Tenders Documents

NIT Document		
S.No	Document Name	Description
1	NIT.pdf	Notice Inviting Tender

Work Item Documents			
S.No	Document Name	Document Type	Description
1	BOQ_17655.xls	BOQ	Price
2	techbid.pdf	Tender Documents	Tech

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F8

Tender Inviting Authority :KITCO LTD

Nature of Work: Fire Fighting , Detection and Alarm System for MEPZ-Special Economic Zone

Contract No: MEPZ-SEZ/KITCO/ITS-26-SP/2/2014

Bidder Name :

SCHEDULE OF WORKS
 (This BoQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate (in. Rs.)	RATE In Bidder Rs. P. Figure
1.00	FIRE HYDRANT SYSTEM Supplying, Installation, Testing and Commissioning of electric driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required. (a) Horizontal type, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg/sq.cm. at highest and farthest outlet at specified flow of 2280 lpm at 70m head conforming to IS 1520. (b) Suitable HP Squirrel cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415 volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. (c) M. S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (d) Suitable cement concrete foundation duly plastered with anti vibration pads.	1.00	set		
2.00	Supplying, Installation, Testing and Commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required. (a) Horizontal type, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg/sq.cm. at highest and farthest outlet at specified flow of 2280 lpm at 70 m head conforming to IS 1520. (b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 volts/24 Volts electric starting equipment, 2x12v 180AH Batteries and leads, Diesel Tank Fabricated from MS sheet of 4mm Thick (Minimum Capacity 300 Litres) with level indicator, By-pass line, MS Piping to diesel tank from engine, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50 mm thick glass wool with 10 mm thick aluminium sheet cladding, essential gauges, instruments and protection as per specification, etc.				

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Tender Inviting Authority :KITCO LTD	
Nature of Work: Fire Fighting , Detection and Alarm System for MEPZ-Spec	
Contract No: MEPZ-SEZ/KITCO/ITS-26-SP/2/2014	
Bidder Name :	
(This BoQ template must not be else the bidder is liable	
Sl. No.	Description of work
1.00	FIRE HY... Supplying... complete... (a) Horizontal... pressure... (b) Suitable... protection... (c) M.S. f... (d) Suitable...
2.00	Supplying, Installation, Testing and Commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required. (a) Horizontal type, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg/sq.cm. at highest and farthest outlet at specified flow of 2280 lpm at 70 m head conforming to IS 1520. (b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 volts/24 Volts electric starting equipment, 2x12v 180AH Batteries and leads, Diesel Tank Fabricated from MS sheet of 4mm Thick (Minimum Capacity 300 Litres) with level indicator, By-pass line, MS Piping to diesel tank from engine, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50 mm thick glass wool with 10 mm thick aluminium sheet cladding, residential class, instruments and protection as per specification, step

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Number

1 **Tender Inviting Authority :KITCO LTD** VALIDATE

2 **Nature of Work: Fire Fighting , Detection and Alarm System for MEPZ-Special Economic Zone, Tambaram, Chennai**

3 **Contract No: MEPZ-SEZ/KITCO/TS-26-SP/2/2014**

4 **Bidder Name :**

5 (This BoQ template must not be modified else the bidder is liable to)

GePNIC BoQ Validation

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3. Do not MODIFY the boq Sheetname or Structure or any other protected cells
4. Any violation on this boq will be subjected to rejection of the bid

OK

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Sl. No.	Description of work			
1.00	FIRE HYDRANT SYSTEM Supplying, Installation, Testing and Commissioning of electric driven main fire pump complete in all respect as required. (a) Horizontal type, centrifugal, split casing pump of capacity of 1000 litres per minute at pressure of 3.5 kg/sq.cm. at highest and farthest outlet. (b) Suitable HP Squirrel cage induction motor, TEFC, split phase, with thermal protection for enclosure, horizontal foot mounted type. (c) M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (d) Suitable cement concrete foundation duly plastered with anti vibration pads.			
2.00	Supplying, Installation, Testing and Commissioning of electric driven main fire pump for automatic operation and consisting of following: complete in all respect as required. (a) Horizontal type, centrifugal, split casing pump of capacity of 1000 litres per minute at pressure of 3.5 kg/sq.cm. at highest and farthest outlet at specified flow of 2280 lpm at 70 m head conforming to IS 1520. (b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 volts/24 Volts electric starting equipment, 2x12v 180AH Batteries and leads, Diesel Tank Fabricated from MS sheet of 4mm Thick (Minimum Capacity 300 Litres) with level indicator, By-pass line, MS Piping to diesel tank from engine, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50 mm. thick glass wool with 1.0 mm. thick aluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. (c) M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (d) Suitable cement concrete foundation duly plastered with anti vibration pads.	1.00	set	



Enter bidder name

Microsoft Excel ribbon: Home, Insert, Page Layout, Formulas, Data, Review. Font settings: Arial, 11. A green callout bubble points to the 'Bidder Name' field in the spreadsheet below.

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A	Tender Inviting Authority :KITCO LTD		
1	Nature of Work: Fire Fighting , Detection and Alarm System for MEPZ-Special Economic Zone, Tambaram, Chennai		
2	Contract No: MEPZ-SEZIKITCO/TS-26/12/2014		
3	Bidder Ncode		
4	Bidder Name :		

VALIDATE

SCHEDULE OF WORKS

(This BoQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent colou else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Description of work	No. or Qty.	Unit	Estimate d Rate (in. Rs.)	RATE In Bidder Figure
2.00	Supplying, Installation, Testing and Commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required. (a) Horizontal type, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg/sq.cm. at highest and farthest outlet at specified flow of 2280 lpm at 70 m head conforming to IS 1520. (b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 volts/24 Volts electric starting equipment, 2x12v 180AH Batteries and leads, Diesel Tank Fabricated from MS sheet of 4mm Thick (Minimum Capacity 300 Litres) with level indicator, By-pass line, MS Piping to diesel tank from engine, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50 mm. thick glass wool with 1.0 mm. thick aluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. (c) M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (d) Suitable cement concrete foundation duly plastered with anti vibration pads.	1.00	set		500
3.00	Supplying, Installation, Testing and Commissioning of electric driven pressurisation pump (Jockey Pump) suitable for automatic operation and consisting of following: complete in all respect as required. (a) Horizontal type, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 180 lpm at 70 m head conforming to IS 1520. (b) Suitable HP Squirrel cage induction motor, TEFC, synchronous speed 2900 RPM, suitable for operation on 415 volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. (c) M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (d) Suitable cement concrete foundation duly plastered with anti vibration pads.	1.00	set		500
4.00	Supply, Installation, testing and commissioning of electric driven pump set (terrace pump) and consisting of following: complete in all respect as				



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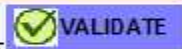
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Number

B4 Ncode

ender Inviting Authority :KITCO LTD



nature of Work: Fire Fighting , Detection and Alarm System for MEPZ-Special Economic Zone, Tambaram, Chennai

Contract No: MEPZ-SEZ/KITCO/TS-26-SP/2/2014

Bidder Name : Ncode

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Enter your rates here

Sl. No.	Description of work	No. or	Unit	Estimated Rate (in. Rs.)	RATE In Figure	
					Rs.	P
36.00	Supply and laying of 2x 1.5sq.mm armoured Copper FRLS cable ISI marked with proper clamping, supply above ground.	4900.00	m		500.00	

Total in Figures

Total in Words Rupees Twenty Four Lakh Fifty 0



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- 8 BOQ_23887
- 9 BOQ_23887
- BOQ_17506
- BOQ_17505
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- BOQ-110kV-GIS-CYBERPARK(1)
- BOQ_itemrate_sample(1)
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- BOQ-110kV-GIS-CYBERPARK

VALIDATE

Tamparam, Chennai

SCHEDULE OF WORKS

be modified/replaced by the bidder and the same should be uploaded after filling the relevant column to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

	No. or Qty.	Unit	Estimated Rate (in. Rs.)	RATE In Bidder Rs. P Figure
with proper clamping, supports and terminations appropriately above	4900.00	m		500

Rupees Twenty Four Lakh F

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BoQ1

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Alignment

Number

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Tender Inviting Authority :KITCO LTD		VALIDATE
Nature of Work: Fire Fighting , Detection and Alarm System for MEPZ-Special Economic Zone, Tambaram, Chennai		
Contract No: MEPZ-SEZ/KITCO/TS-26-SP/2/2014		
Bidder Name :	Ncode	
SCHEDULE OF WORKS <i>(This BoQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</i>		
Sl. No.	Description of work	RATE In Bidder Rs. P Figure
36.00	Supply and laying of 2x 1.5sq.mm armoured Copper FRLS cable ISI marked with proper ground.	500
Total in Figures		
Total in Words		Rupees Twenty Four Lakh F

Microsoft Office Excel

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Tender Inviting Authority :KITCO LTD	
Nature of Work: Fire Fighting , Detection and Alarm System for MEPZ-Special Eco	
Contract No: MEPZ-SEZ/KITCO/TS-26-SP/2/2014	
Bidder Name :	Ncode
(This BoQ template must not be modified else the bidder is liable to be)	
Sl. No.	Description of work
36.00	Supply and laying of 2x 1.5sq.mm armoured Copper FRLS cable ISI marked with pro ground .
Total in Figures	
Total in Words	

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KERALA STATE IT MISSION