

THE PUBLIC BIDDING OF:
 SUBMISSION OF BIDS:

UPLB-I-036-7-17 SUPPLY, DELIVERY AND INSTALLATION OF AIRCONDITIONING UNITS FOR OVCPD
Thursday, 31 August 2017 1:15 PM

LOT #	ITEM #	REQUIRED SECIFICATIONS	OFFERED SPECIFICATIONS (write down detailed offered specifications)	REFERENCES (include supporting documents)	COMMENTS/ REMARKS (clarify inclusion/ exclusion)	EVALUATION
1	1	Supply, delivery, installation: air-conditioning unit, brand new, 2.0 HP basic inverter wall mounted split type aircondiitoning unit, cooling cap. KJ/HR 9,200-18, 750 EER 14.7-12.3, amps 2.30-8.47, watts 625-1, 520, volts 230, Hz60, 1 phase wireless remote control R410A				
		including installation cost of labor and materials with supervision, scope of work as follows:				
		1. fabricate mounting frame using angular bat 3/16" x 1 1/2" pre-painted for ACCU				
		2. layout/fixing of copper pipe using 1/2" gas line and 1/4" liquid line hard drawn type-L, electrical control line stranded wire THHN 3.5mm ² , main line 5.5mm ² , circuit breaker 30 amps, nema 3R drainage line eslon blue pipe 1/2" dia., including insulation rubber hose 3/4" thickness wall with vinyl tape insulation				
		3. system flushing, leak testing, vacuuming				
		4. refrigerant charging R410A				
		5. start up and commissioning				
		6. attach certificate of warranty				
		<i>Materials for construction use:</i>				
		<i>Copper pipe and fitting with insulations</i>				
		30 ft copper pipe 1/2" O.D type-L hard drawn				
		30 ft copper pipe 1/4" O.D type-L hard drawn				
		8 pcs copper elbow 1/2" I.D x 90°				
		8 pcs copper elbow 1/4" I.D x 90°				
		8 pcs Flat silver rod				
		6 length Elastomeric rubber insulation 1/2: I.D x 3/4" THK X 6				
		6 pcs Elastomeric rubber insulation 1/4: I.D x 3/4" THK X 6'				
		4 rolls polyehtelene vinyl tape insulation 4" x 50 mtrs (white)				
		<i>Electrical work for ACCU to FCU, control wirings, condensate drain</i>				
		2 sets circuit breaker 30 amps. 2 pole, bolt on type NEMA 3R enclosure				
		40 mtrs THHN stranded wire 3.5mm ²				
		12 mtrs THHN stranded wire 5.5mm ²				

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		8 length PVC electrical conduit pipe 1/2" dia x 10" (NELTEX)				
		14 pcs long elbow 1/2" x 90° (NELTEX)				
		1 pc PVC pipe 1/2" dia. X 10 (ESLON BLUE)				
		4 pcs PVC adapter 1/2" with RSC lock nut				
		2 pcs. PVC short elbow 1/2" (ESLON BLUE)				
		<i>Steel frame support for ACCU and FCU</i>				
		1 length angle bar 3/16" x 1 1/2" x 20'				
		1 klg welding rod				
		8 pcs bolt and nut with flat washer 5/16" x 2 long				
		8 pcs expansion shield 6mm long screw galvanize bolt				
		<i>Refrigerant flushing, leak testing, vacuuming, charging</i>				
		5kg refrigerant R410A				
		<i>Others to complete the installation</i>				
		1 lot MAPP gas, welding, brazing, cutting, painting and consumable materials				
2	1	Brand new inverter 3.0HP ceiling mounted split-type airconditioning cooling capacity (3,200-27,000) BTU/H 24,200 watts 2,530, EER 10.1, 220 volts, 60 Hz, 1 phase, wireless remote control R410A				
		Installation cost of labor and materials with supervision, scope of work as follows:				
		1. Fabricate mounting frame using 3/16" x 1 1/2" for indoor unit and outdoor unit, pre-painted layout-/fixing				
		2. Layout/fixing of copper pipe using 5/8" gas line and 3/4" dia. Thickness rubber insulation, electrical control line stranded wire thhn 3.5mm ² , main line 5.5mm ² , circuit breaker 40 amps, nema 3R, enclosure, drainage line pipe line ESLON BLUE 3/4" dia., including vinyl tape insulation				
		3. System flushing, leak testing, vacuuming, charging				
		4. Refrigerant charging R410A				
		5. Start up and commissioning				
		6. Attach certificate of warranty				
		<i>Materials for construction use:</i>				
		<i>Copper pipe and fitting with insulations</i>				

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		25 ft copper pipe 5/8" O.D type-L hard drawn				
		25 ft copper pipe 3/8" O.D type-L hard drawn				
		5 pcs copper elbow 5/8" I.D x 90° long radius				
		5 pcs copper elbow 3/8" I.D x 90° long radius				
		7 pcs Flat silver rod				
		5 length Elastomeric rubber insulation 5/8: I.D x 3/4" THK X 6				
		5 pcs Elastomeric rubber insulation 3/8: I.D x 3/4" THK X 6'				
		2 rolls polyehtelene vinyl tape insulation 4" x 50 mtrs (white)				
		<i>Electrical work for ACCU to FCU, control wirings, condensate drain</i>				
		1 set circuit breaker 40 amps. 2 pole, bolt on type NEMA 3R enclosure				
		35 mtrs THHN stranded wire 3.5mm ²				
		6 mtrs THHN stranded wire 5.5mm ²				
		4 length PVC electrical conduit pipe 1/2" dia x 10" (NELTEX)				
		6 pcs long elbow 1/2" x 90° (NELTEX)				
		1 length PVC pipe 3/4" dia. X 10 (ESLON BLUE)				
		2 pcs PVC adapter 1/2" with RSC lock nut (ESLON BLUE)				
		2 pcs. PVC short elbow 3/4" dia. X 90° (ESLON BLUE)				
		<i>Steel frame support for ACCU and FCU</i>				
		1 length angle bar 3/16" x 1 1/2" x 20'				
		1 klg welding rod				
		8 pcs bolt and nut 3/8" x 2" long with flat and lock washer				
		8 pcs expansion shield 3/8" x 2" bolt				
		<i>Refrigerant flushing, leak testing, vacuuming, charging</i>				
		5klg refrigerant R410A				
		<i>Others to complete the installation</i>				
		1 lot MAPP gas, welding, brazing, cutting, painting and consumable materials				

Note: Please fill-up applicable columns.

Signature of Representative: _____

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End-user:

 Signature over Printed Name

Name of Representative: _____

Position: _____

Company: _____

Address: _____

Telephone/ Fax: _____

Email: _____