



KINGDOM OF SAUDI ARABIA
THE SAUDI FUND FOR DEVELOPMENT
(SFD)



RFQ -PAL-0000045614



*Empowered lives.
Resilient nations.*

RFQ: Suppling Laboratories Equipment's for the Greek Orthodox Patriarchate School, Holy family school and Rosary Sisters School

PAL10-00099288

Project Name

Reconstruction, Furniture and Equipping of Three Schools

Funded By

Kingdom of Saudi Arabia

Through The Saudi Fund For Development (SFD)








Implemented By


United Nations Relief And Works Agency (UNRWA)

Through the United Nations Development Programme (UNDP/PAPP)

Annex 2: Part D : Physics Lab- BOQ

Item No.	Description	Unit	Qty	Unit Rate	Total Amount	picture
				(\$)	(\$)	
Part D : Physics Lab						
1	BALANCES SPRING - DUAL SCALE As per details given in Cat. No. PH 0022 but with Dual Scale, in Metric and Newton range. PH 0024A 100 gm. / 1 N	NO.	12			
2	WEIGHTS Weights brass set of 9, with hooks on both sides as illustrated. Capacity 500 gm. ; 1x200 gm. 2x100 gm., 1x50 gm. 1x20 gm. 2x10 gm. 2x5 gm. PH 0040 Weights	set	12			
3	METER SCALE, HARDWOOD One meter, graduated on both edges in centimeters and millimeters, one edge reading 0 to 100 left to right, the other edge in reverse. PH 0064A One Meter- Horizontal Reading	NO.	6			
4	VERNIER CALLIPER IME type, Improved design, plated steel with dual scale 0-15 cm x 0.1 mm. and 6 x 1/128 inches, provided with thumb movement for easy motion of jaws, in velvet box/ plastic case. PH 0080 Vernier calliper	NO.	12			
5	SET OF GEOMETRICAL MODELS Set of 12, made of solid wood, four shapes in three different sizes, volume 50cc in yellow colour, 100cc in red colour and 150cc in green colour supplied in wooden case. PH 0101 Geometrical Models	set	9			
6	METAL BLOCKS For density determinations, set of twelve in assorted sizes, shapes and masses. The set comprises tow each of brass, iron, aluminium, copper, zinc and lead. Masses vary from 12 to 25 gm PH 0113 Metal blocks	set	12			
7	BELL IN VACUUM For use pump plate not less than 15 cm. dia. Electric bell operating on 4-6 volts AC/DC, suspended on rubber cord in bell jar. Fine coiled wire connections to terminals mounted in rubber hung sealing the jar. PH 0176A Bell Jar 22 x 15 cm	NO.	12			
8	NEWTONS COLOR DISC For demonstrating that white light may be composed from all the spectral colors by rotation of multi-colored disc. Comprising a multi-colcred disc, 180 mm. diameter, mounted on metal stand and driven by belt with the help of driving wheel, fitted with PH 0582A Newtons Color Disc mounted As above, disc 200 mm. dia.	NO.	12			
9	CROCODILE CLIPS, STANDARD Spring-loaded, serrated jaws, with screw to clamp end of lead held in tubular extension, both sides insulated. Length 50 mm. and jaws open 9 mm. PH 0962A Red Colour PH 0962B Black Colour	NO.	12			

Item No.	Description	Unit	Qty	Unit Rate	Total Amount	picture
				(\$)	(\$)	
10	CROCODILE CLIP Made in steel and can be covered by screw or soldering. Fully covered with insulated sleeves. Length 35 mm. and jaws open 5 mm. Available in Red/Black/ Yellow/ Blue/ Green colours. PH 0966 Crocodile Clip	NO.	12			
11	BATTERY ELIMINATORS With power transistors, as a result the dropout at full load is few millivolts. Multiple tapping output 2, 4, 6, 8, 10, & 12 V D.C. and A.C. Operates on 220 Volts A.C. PH 0970B Current 2 Amp.	NO.	3			
12	BATTERY ELIMINATORS-EISCO Regulated, multiple tapping output 1.5, 3, 4.5, 6, 9, 12 Volts A.C./D.C. Both A.C. and D.C. can be taken simultaneously. PH 0971A Current 1 Amp.	NO.	3			
13	LIGHT EMITTING DIODE (LED) 5 mm. standard high quality LED indicators with diffused lens. Maximum voltage 3.0 V D.C. PCB or panel mount. Pack of Ten. PH 1019A Red	set	12			
14	FLASH LAMP BULBS, ROUND With M.E.S. cap, suitable for flash lamps, spotlights and panel lamps etc. Supplied in Packets of ten except for € which is supplied singly. PH 1014A Volts 1.25 Amp. 0.25	set	12			
15	CROCODILE LEAD set -EISCO The set consists of 10 leads in assorted colours, each with a plastic sleeved clip at both ends. Length of leads 360 mm. Max current rating 0.5A continuous. PH 1052 Crocodile lead set of 10	set	12			
16	VOLTMETERS Moving Iron, AC/DC. Any single range 0-1.5, 3, 5, 10, 25, 50, 100, 150, 250, 300 volts. PH 1088 Voltmeter	NO.	3			
17	Circuit Kit For Teaching Series And Parallel Complete circuit kit includes everything you need to get started Comes with a switch, (2) 'C' Batteries w/ Holders, (2) Light Holders, (5) Bulbs, and bulk wire for connecting Perfect for lab groups. دائرة كهربائية	NO.	3			

Item No.	Description	Unit	Qty	Unit Rate	Total Amount	picture
				(\$)	(\$)	
18	<p>Earthmine : مجسم الكرة الأرضية :</p> <p>Cross Sectional Model Earth Breaks down into 7 parts for furthe study Different colours for different layers. When upper crust is removed, inner core with layers can be seen. When layers one by one are removed you can find the periphery of each layer. Includes: (1) Model Showing the layers inside the Earth with 7 detachable parts showing the interiors of Earth. Different colours for different layers. When upper crust is removed, inner core with layers can be seen. When layers one by one are removed you can find the periphery of each layer.</p>	NO.	3			
Total of Part D Physiscs Lab						