

# **WORLD SKILL CENTER BHUBANESWAR**

**Skill Development & Technical Education Department  
Government of Odisha**

**Block B, Sector A, Tower, 2010, Mancheswar Industrial Estate, Bhubaneswar-751007**

**Country: India Telephone/Fax: +91-674-2580079**

**Website: [www.worldskillcenter.org](http://www.worldskillcenter.org); [www.skillodisha.gov.in](http://www.skillodisha.gov.in)**

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[dirosems@gmail.com](mailto:dirosems@gmail.com)**

**20<sup>th</sup> January 2022**

## **CORRIGENDUM-01**

### **REQUEST FOR QUOTATION (RFQ) FOR PROVIDING CONSUMABLES FOR LABS OF WORLD SKILL CENTER BHUBANESWAR**

**Reference: WSC/32/ACADEMIC PROCUREMENT/2021-22/447**

**Subject: Extension of Last date for Submission of Bid for PKG MES001**

The last date for bid submission for the RFQ Package, PKG MES001- Consumables for Labs, MES of WSC BBSR, issued on dated 1<sup>st</sup> January 2022 is hereby **extended up to 1<sup>st</sup> February 2022 till 3:00 pm.**  
**Bids shall be opened on the same day, i.e.- 1<sup>st</sup> February 2022 at 4:00pm.**

For necessary and regular updates, it is advised to keep visiting the project website:  
[www.empmissionodisha.gov.in](http://www.empmissionodisha.gov.in) or [www.skillodisha.gov.in](http://www.skillodisha.gov.in)

Sd/-  
Chief Executive Officer  
World Skill Center Bhubaneswar

## REQUEST FOR QUOTATION - GOODS (RFQ)

Project Title : World Skill Center Bhubaneswar, Department of Skill Development & Technical Education, Govt. of Odisha  
Source of Funding : ADB Loan Number: 3539  
Reference No. : **WSC/32/ACADEMIC PROCUREMENT/2021-22/447**  
Package No. : PKG MES001: Consumables for Modules of MES, WSC Bhubaneswar  
Issue Date of RFQ : 1<sup>st</sup> January 2022  
To : All Interested Suppliers

Sir/Madam:

1. The **World Skill Center Bhubaneswar, Department of Skill Development & Technical Education, Govt. of Odisha** (Purchaser) hereby re requests you to submit price quotation/(s) for the supply of the following items:

SI. No.	Description	Quantity	Unit
<b>FT/MES - FDP Lab</b>			
1	Screw driver, flat head 180mm length Tip size:2.5mm	80	Piece
2	Screw driver, flat head 180mm length Tip size:4mm	80	Piece
3	Screw driver, Philips 180mm length Tip size:#1	80	Piece
4	Screw driver, Philips 180mm length Tip size:#2	80	Piece
5	Electrical Test pen 100-250V,3mm tip	80	Piece
6	Pruning shear	20	Piece
7	Copper cable, PVC, multiple strand 1.5mm <sup>2</sup> x70m Brown, Blue Green/Yellow	12	4 Roll for each colour
8	End of line resistor 3 kΩ or 4.8kΩ (actual size depend on alarm system recommendation)	400	Piece
9	390Ω resistor (actual size depend on alarm system recommendation)	400	Piece
10	Smoke detector tester spray 71g	2	Bottle
11	Hair dryer (used as heat detector tester) 230V, 1.5~2kW	4	Piece

12	Fire extinguisher Vapourising liquid	10	Piece
13	Allen key, 7 pcs, 1.5-6mm	10	Set
14	Hose clip for fire hose reels Size:25-35 mm	10	Piece
15	'O'ring seal for hose reel 30 mm	80	Piece
16	Screw driver flat head 6 x 125mm	10	Piece
17	Pipe wrench, Cast iron handle with drop forged jaw, heat treated	10	Piece
18	Adjustable spanner, Drop forged steel, chrome plated Length: 8",12"	20	Piece
19	Combination spanner set of 14 pcs 6-19mm	10	Set
20	Circlip plier, outer	4	Piece
21	Circlip plier, inner, bent nose	4	Piece
22	Circlip plier, inner, straight nose	4	Piece
23	Water flow rate meter For mounting on fire hose measure water flow rate (Fire hose reel performance test)	4	Piece
24	10m PTFE White Thread Pipe Tape, Plumbers Sealing Tape	80	Piece
25	Leather strap and lock (To be fitted on dry riser landing valve)	10	Set
26	Silicon rubber sheet 12"x 12" x 1/8 " (Washer)	10	Piece
27	Hole punch, HCS,10pcs Hole size: 5-32mm	10	Piece
28	Air relief valve for riser system	4	Piece
29	Water driven gong (For sprinkle system)	4	Piece
<b>FT/MES - FSM Lab</b>			
30	Test pen-contact type 100-250V	80	piece
31	Pruning shear	20	Piece
32	Copper cable, PVC, multiple strand 1.5mm <sup>2</sup> x70m Brown, Blue Green/Yellow	8	Roll

33	Multimeter Digital	40	Piece
34	Clamp on ampmeter	10	Piece
35	Extension wire, 5m C/W 13A socket outlet and 3 pin plug	10	Piece
36	Magnetic contactor 230VAC coil 3 phase,10A To be match with item 8	160	Piece
37	Auxiliary contact 2 nos NC contact 2 nos NO contact Front mount, on item 7	160	Piece
38	Thermal overload relay To be front mounted on main contactor (item7)	80	Piece
39	230V AC Timer relay ON delay type Single timer Solid state	80	Piece
40	Timer relay base Design must be match with item 9	80	Piece
41	230VAC ,indicating light bulb, 6A rating Green, Red, Blue and Amber Bulb specification shall match the bulb fitting that mounted on the wiring panel	80	Set
42	Cartridge fuse holder,230V Size must be able to hold the fuse in item 14	80	piece
43	Cartridge fuse, 2A,230V Size must be able to fit into the item 13 holder	160	Piece
44	Single phase motor, 230V, 1hp	4	Piece
45	Float switch 24VAC,5A	20	Piece
46	Stepped down Transformer 230V/24V	80	Piece
47	24VAC relay, 5A	400	Piece
48	24VAC relay socket base For mounting of item 18	400	Piece
49	6A MCB, 230V Type B, Single pole, 6kA	80	Piece
50	Electric Buzzer 6-24V DC	80	Piece
51	230V ½" motorised actuated c/w valve	40	Piece

52	Automatic water level controller 3 level sensor type	80	Piece
53	Level relay, 230V AC To use with item 23 24V AC secondary	80	Piece
54	Water Flow switch, brass Paddle type	80	Piece
55	Water Pressure switch 20-65 PSI	80	Piece
56	Float valve (Equilibrium, ball valve)	10	Piece
57	Plumbing Gasket sheet Rubber, 12 x 12 inch x 1/8 thick	80	Piece
58	Ball Valve Seals Size is to be fitted on item 27	80	Piece
59	Water soluble grease 100g	4	Bottle
60	Hole punch, HCS, 10pcs Hole size: 5-32mm	10	Set
61	Plumber Glove rubber	80	pairs
62	Fluorescent Lumi 8w EXIT Sign Emergency Lighting 230V AC, c/w rechargeable battery, lamp tube and accessories	40	set
63	Fire emergency light Double head. LED rechargeable 230VAC C/W rechargeable battery, lamp bulbs	40	Set
64	Lux meter 0-50,000 Lux	4	Piece
65	Sound level meter 30-130 dB 0.1 dB resolution	4	Piece
66	Battery Hydrometer 250 mm	4	Piece
67	Digital Laser Tachometer Non-contact	4	Piece
68	CAT 5e cable, 50m long 4 pairs, Solid core	2	Roll
69	BNC cable, SC RG 59 coaxial cable for CCTV 50m, 75Ω	2	Roll
70	RJ 45 Cat 5e crimp tool Cutting, stripping and terminating of Cat 5e cable	40	Piece
71	RJ 45 connector, pack of 100 pcs For Cat 5e cable	2	pack

72	RJ 45 network cable tester	8	piece
73	BNC cable crimping tool For RG59 cable	40	Piece
74	Coaxial cable stripper For RG59 cable	40	Piece
75	RG59 BNC male ,SC connector Pack of 100 sets	2	Pack
76	2 m long Fiber optic cable with both end terminated with connector Type of connector on both ends must match with the transmitter and receiver. Eg, LC-LC or SC-SC type Multimode etc	20	piece
77	Fibre optic transmitter/receiver 230V, with optical fibre BNC-	20	No.
78	6 gang Extension wire 3 m long	10	Piece
79	Balanced ¼"TRS jack plug audio cable, 6.35mm 3m long Male to male	4	Piece
80	Unbalanced ¼"TRS jack plug audio cable, 6.35mm 2m long Male to male	4	Piece
81	Microphone cable for dynamic microphone Female XLR to 1/4 (6.35mm) TS Mono Jack Unbalanced 2 m long	4	Piece
82	Microphone cable Female XLR to male XLR balanced 3 pin for condenser microphone 2 m long	4	Piece
83	TRS (Tip ring sleeve) phone jack Balanced type	20	Piece
84	TRS (Tip ring sleeve) phone jack Unbalanced type	20	Piece
85	RCA plug Jack	20	Piece
86	Screw driver , flat head 200 mm, 5mm width	20	Piece
87	Screw driver , Philips 200 mm, 4.5mm	20	Piece
88	Safety goggles	20	Pair
89	Bench brush	20	Piece

90	Countersunk head wood screws, Self tapping Thread dia:3 mm Thread length: 30 mm	2	box
91	Countersunk head wood screws, Self tapping Thread dia:3 mm Thread length: 30 mm	2	Box
92	Countersunk head wood screws, Self tapping Thread dia:3 mm Thread length: 30 mm	2	Box
93	Automatic Door Closers Adjustable Closing/Latching Speed Aluminium For Left And Right Hand Doors c/w screw for mounting on door	80	Set
94	Hydrated lime 22.7 kg per bag	20	Bag
95	River sand 20kg/bag	40	Bag
96	Bucket, 14L	160	No
97	Fine sand sieve for plastering	160	Piece
98	Sand sieve ,for normal floor tiling	160	Piece
99	Floor tile Ceramic, 200 x 200 mm	960	Piece
100	Glazed tiles 100 mm x 100 mm	1600	Piece
101	800 Sand paper for wood surface, 9" x 11" waterproof	160	Piece
102	300/400 Sand paper for wood surface, 9" x 11" waterproof	160	Piece
103	Door hinges	160	Piece
104	Cylindrical door lock c/w template for marking out, catch release tool, hexagonal wrench	80	Set
105	HSS Hole Saw Cutter Drill Bits , $\text{AE}54$ mm for Bench Drills		Piece
106	Drill bits set of 25 pieces	8	Set
107	Wire mesh For flooring 300 x 1000 mm	40	sheet
108	Chalking line with chalk powder	10	Set
109	Floor trap cover, PVC 6"x 6"x	40	Piece
110	Brick 210 mm x 103 mm x 65 mm	300	Piece

111	porcelain soap dish. 6"x 4"	40	Piece
112	Putty knife	20	Piece
113	Masking tape	20	Roll
114	Methylated spirit 4L	4	Bottle
115	Shellac brush	40	Piece
116	Shellac solution 1L	20	Bottle
117	Paint roller tray	40	Piece
118	Paint roller	40	Piece
119	Turpentine 15L	4	Tin
120	Paint undercoat, metal Oil based 5 L	10	Bottle
121	Paint Metal Primer - Red Oxide - 5L Oil based	10	Tin
122	Enamel paint, metal Oil based Gloss 5L	10	Tin
123	Putty Filler	2	Bottle
124	Wood stain, oil based 5 L	4	Tin
125	Lacquer, clear 2 L	8	Tin
126	Lacquer thinner 2 L	4	Tin
127	Sealing coat, water based on concrete 1 L	10	Tin
128	Undercoat, water based on concrete, 1 L	10	Tin
129	Finishing coat , water based on concrete, 5L	4	Tin
130	Stiff bristle brush	10	Piece
131	Soft bristle brush	10	Piece
132	Sponge	20	Piece
133	Wax paper	2	Roll
134	Glove, Disposable, Box of 100 Pack,	2	Box
<b>FT/MES - FSM Lab</b>			
135	GI pipe Ø15mm x 2500mm	200	Meter
136	GI pipe Ø19mm x 1675mm	134	Meter
137	GI pipe Ø25mm x 225mm	54	Meter



138	Elbow Ø19mm- Ø15mm	80	Piece
139	Elbow Ø15mm, female	80	Piece
140	T Ø19mm- Ø15mm "T" box, female	80	Piece
141	T Ø19mm "T" box, female	80	Piece
142	T Ø15mm "T" box, female	160	Piece
143	Ø15mm Union Coupler	160	Pairs
144	Ø15mm bib Tap, male, GI	80	Piece
145	10m PTFE White Thread Pipe Tape, Plumbers Sealing Tape	80	Roll
146	Hack Saw blade, HSS, 32 TPI, 300mm long	80	Piece
147	Threading die set, right hand, for Ø15mm and Ø19mm GI pipe	80	Set
148	Lubricating oil For pipe threading by hand	2	Litre
149	Oil can	20	Piece
150	Pipe wrench, Cast iron handle with drop forged jaw, heat treated	20	Piece
151	Adjustable spanner, Drop forged steel, chrome plated Length: 8", 12"	20	Piece
152	Copper tube Ø15mm x 2565mm	204.8	Meter
153	Copper tube Ø25mm x 400mm	32	Meter
154	Ø15mm, brass CMI connector	160	Set
155	Compression plug Brass, for Ø15mm tube	80	Set
156	Compression sleeve seal ring, brass, double taper For Ø15mm copper tube	1040	Piece
157	Portable Gas torch For capillary soldering Brazing of copper tube	10	Nos
158	Pipe cutter for copper and stainless steel tube 4-25mm Dia tube	20	Nos
159	GI pipe cutter 15-25mm Dia pipe	10	Nos
160	Stainless steel pipe Ø15mm x 660mm	52.8	Meter

161	Flange nut, brass, and washer for flange joint on Ø15mm tube	820	Set
162	Compression nut, brass For compression ring joint on Ø15mm tube	480	Piece
163	Tee" fitting, brass 2 nos external thread and 1 internal thread as shown	160	Piece
164	Male threaded elbow For Ø15mm tube One end for flange joint and one end for compression ring joint	160	Piece
165	UPVC pipe Ø15mm x 2000mm	160	Meter
166	UPVC pipe Ø32mm x 500mm For basin waste pipe(White)	40	Meter
167	UPVC elbow, one threaded end For Ø15mm UPVC pipe	80	Piece
168	Polypropylene pipe Ø20mm x 250mm	20	Meter
169	UPVC elbow Ø15mm	80	Piece
170	UPVC elbow Ø20mm (Female threaded) x Ø15mm	160	Piece
171	Solvent cement for uPVC pipe, 100g	4	Bottle
172	Hot air gun 230V, 1600C max.	20	Piece
173	Brass water meter 15mm/15mm	1	Piece
174	Check valve, brass Ø15mm, female thread	80	Piece
175	Stop tap, Ø15mm, male threaded both end, compression ring joint	80	Piece
176	CMI Tee, brass Ø25mm x Ø25mm x Ø15mm C/w compression nut	80	Piece
177	Threading oil, bottle of 5 Litre.	1	Bottle
178	Rubber expansion joint Bellow type, flexible Female thread on both end, Size 1: Ø25mm both end Size 2: Ø19mm both end	80	Piece
179	Ductile iron flange Inner hole, Ø25mm	80	Piece
180	Cold/hot water mixer tap replacement cartridge for item 51	8	Piece

181	Ø 15mm screwdown bib tap	80	Piece
182	Ø 15mm cold/hot cartridge mixing tap	80	Piece
183	Ø 15mm cartridge pillar tap, ¼ turn	80	Piece
184	Tap repair kits Tap Washer set Assorted, O-Rings, Washers & C-Clips, 125 Pieces	4	Set
185	Wash Basin, ceramic Wall hung, 410mm x 340mm x 165mm	1	Piece
186	Basin wrench Alloy steel, spring loaded head flops over for loosening and tightening at different angles	20	Piece
187	Box spanner set of 8 Drop forged steel T-bar Length about 205mm Size: 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 & 20x22mm	10	Piece
188	UPVC Tee fitting Ø32mm, slide fit	80	Piece
189	Brass Tee fitting Ø 15mm 3 x Compression ring joint	80	Piece
190	Fastening Nut & washer For tightening the Ø 15mm pillar tap	80	Set
191	Ø 32mm Bottle trap Size shall match with item 53	80	Piece
192	Silicon rubber sheet 12"x 12" x 1/8 " (Washer)	10	sheet
193	Hole punch, HCS, 10pcs Hole size: 5-32mm	10	Set
194	Sensor activated tap system Battery operated or AC (230V)/DC	40	Set
195	Rubber ring seal For pillar tap used in item 65	80	Piece
196	sensor activated flush valves Manual push button, AC 230V / DC operated, Solenoid valve Installation accessories	20	Set
197	Flushing cistern valve and siphon Plastic main body Dual Flush, push button	20	Set

198	Siphon flush with flushing handle and accessories	20	Set
199	Masonry drill bit, 150mm Carbide tip , size : Ø1/8", 3/16", 1/4", 5/16", 3/8" & 1/2"	10	Set
200	75mm x 3.75mm Tungsten nail Used as centre punch	20	Piece
201	Thermometer 300mm long stem 0-1000C.	8	Piece
202	Storage tank water heater 230V, 40L	20	Piece
203	Instant water heater c/w flexible hose and installation accessories	20	Piece
204	GI Ball Stop valve, Female thread on both end Ø 15mm x Ø15mm	160	Piece
205	GI Stop valve, Female thread on both end Size 1 Ø 25mm x Ø 25mm	80	Piece
206	GI Stop valve, Female thread on both end Size 2 Ø 19mm x Ø 19mm	81	Piece
207	GI Y strainer Ø 25mm x Ø 25mm Female thread both end	80	Piece
208	GI Tee fitting male thread Size 1 Ø25mm x Ø25mm x Ø15mm	80	Piece
209	GI Tee fitting male thread Size 2 Ø19mm x Ø19mm x Ø15mm	80	Piece
210	Water pressure gauge 0-300 psi (0-21 bar) Male thread, Ø 15mm for connection to stop valve	160	Piece
211	GI check valve, Ø19mm Female thread both end	80	Piece
212	Disc plunger, 122cm long Brass universal joint. for clearing manholes, removing blockages and debris from drains.	10	Piece
213	Cup plunger	10	Piece
214	Hand spinner 5/16"x 25 ft	10	Piece

215	Drain cleaning rod set 12 pcs	4	Set
216	Auger ¼ x 13 inch Hair Clog Remover Tool	4	Piece
217	Allen key, 7 pcs, 1.5-6mm	4	Set
218	Combination spanner set of 14 pcs 6-19mm	4	Set
219	Hammer	10	Set
220	PPR Fusion Machine	2	Set
221	Ply Board (for practice)	10	Piece
222	Plumber Helmet	80	Set
223	Plumber Hand Gloves	80	Set
224	White Goggles	80	Set
225	Spirit Level	10	Piece
226	Measuring Tape	10	Piece
227	Trisquare	10	Piece
228	OHP Marker Pen	10	Piece
229	Workshop Apron(for Plumber)	80	Piece
230	Metal Plumbob	10	Piece
231	Hacksaw Frame (HSS, 32 TPI, 300mm long)	10	Piece
232	Tapping Attachment (For Internal Threading)	5	Set
233	Copper Brazing Filler Rod	2	Set
234	Silver Brazing Paste Flux	1	Bottle

To assist you in the preparation of your price quotation the necessary **Supply and Delivery Schedule** and **Form of Quotation** are enclosed.

2. Your price quotation should be submitted in accordance with the following instructions, procedures, and the terms and conditions of the **Purchase Order**.

#### Preparation of Quotations

- (a) Your price quotation/(s) shall be for all the items as described in attached documents and submitted only in the attached **Form of Quotation** with the priced **Supply, Delivery and Price Schedule**. The currency of quoted prices and payment shall be **in\_INR**.
- (b) The prices should be quoted for supply and delivery to **World Skill Center, Bhubaneswar**, Odisha.
- (c) You shall submit only one set of quotations for the above items. Your quotation must be typed or written in indelible ink and shall be signed by you or your authorized representative. Without a signature in your **Form of Quotation**, your quotation will not be considered further.
  - (d) Your quotation(s) should be valid for a period of 30 days from the deadline for submission of the quotation/(s) as indicated below.
  - (e) Your quotation should be submitted along with Bid Security amounting to **INR 5,000 in the form of Demand Draft in favour of World Skill Center, Bhubaneswar**.

#### Submission and Opening

- (f) Your **Form of Quotation** with the priced **Supply and Delivery Schedule** should be submitted by \_\_\_\_\_ [date and time] with the required documents signed, sealed and addressed to and delivered to the following address:

Purchaser's Address : **Chief Executive Officer, World Skill Center Bhubaneswar, Department of Skill Development & Technical Education, Govt. of Odisha**  
Street address: **Block B, Sector A, Tower, 2010,**  
Floor/Room number: **Mancheswar Industrial Estate,**  
City: **Bhubaneswar**  
ZIP code: **751007**  
Country: **India**  
Telephone: **+91-674-2580079**  
E-mail: **tenders@worldskillcenter.org**

#### Evaluation and Comparison

- (g) In evaluating the quotations, the Purchaser will adjust for any arithmetical errors as follows:
- (i) where there is a discrepancy between amounts in figures and in words, the amount in words will govern; and
  - (ii) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

If you refuse to accept the correction, your quotation will be rejected and bid security shall be forfeited.

#### Award of Purchase Order

- (h) The Purchaser shall award the Purchase Order to the Supplier who has offered the lowest price quotation.
- (i) The Supplier whose quotation has been accepted will be notified by the Purchaser within 3 [three] days from the date of submission of quotation or extended date, whichever is later. The supplier will be required to deposit Performance guarantee (3 months validity) of amount (@ 2% of Purchase Order amount) with Odisha Skill Development Authority.
- (j) The successful Supplier shall sign the **Purchase Order**/Purchase Order governed by the **Purchase Order Terms and Conditions**.

3. Further information can be obtained from:

Name : Chief Executive Officer,  
Address : **World Skill Center Bhubaneswar, Department of Skill Development & Technical Education, Govt. of Odisha**  
Telephone : **+91-674-2580079**  
E-mail : **tenders@worldskillcenter.org**

Sincerely,

Chief Executive Officer,  
Odisha Skill Development Authority (OSDA)  
Skill Development and Technical Education Department,  
Government of Odisha.  
(Purchaser)

# FORM OF QUOTATION (Goods)

\_\_\_\_\_ (Date)

Chief Executive Officer,  
World Skill Center Bhubaneswar,  
Department of Skill Development & Technical Education, Govt. of Odisha  
Address: Block B, Sector A, Tower, 2010,  
Mancheswar Industrial Estate,  
Bhubaneswar, Odisha  
ZIP code: 751007  
Country: India  
Telephone: +91-674-2580079  
E-mail: tenders@worldskillcenter.org

We offer to execute the \_\_\_\_\_ [name and number of Purchase Order] in accordance with the **details of the items** and the **Supply and Delivery Schedule** accompanying this Quotation for the Purchase Order Price of \_\_\_\_\_ [amount in words and numbers] (\_\_\_\_\_) (**unit cost and item wise total cost is attached at Attachment 1**) [name of currency] \_\_\_\_\_. We propose to complete the delivery of Goods described in the Purchase Order within the Delivery Time indicated in the priced **Supply and Delivery Schedule**.

This Quotation and your written acceptance will constitute a binding Purchase Order between us. We understand that you are not bound to accept the lowest or any Quotation you receive.

Name of Supplier : \_\_\_\_\_  
Authorized Signature : \_\_\_\_\_  
Name of Signatory : \_\_\_\_\_  
Title of Signatory : \_\_\_\_\_  
Address : \_\_\_\_\_  
Telephone Number : \_\_\_\_\_  
Fax Number, if any : \_\_\_\_\_  
Email address (optional): \_\_\_\_\_

*(Note: Total price to be carried forward to Form of Quotation)*  
**Attachment 1**

**SUPPLY AND DELIVERY SCHEDULE**

Item	Description	Unit	Quantity	Total Price excluding tax	Total Price including tax	Delivery Schedule
1	PKG MES001: Consumables for Modules of MES, WSC Bhubaneswar	All items of the package	1			15 days from Purchase Order effective date.
2	Related services of above goods as per Foot Note.	For all items	1			
<b>Total Price including Related Services (In Figure)</b>						
<b>Total Price including Related Services (In Words)</b>						

***[Note: 1. The Bidder/Supplier has to attach the individual cost (including all eligible taxes of purchaser's country) and details of each item of the package as a supporting document (Attachment 2) for working out cost of individual item in a package.***

***2. The Related services includes cost of transportation, loading, unloading including all eligible taxes of purchaser's country.***

***3. Prices shall be in local currency.***

***4. The Purchaser may seek from bidder, any relevant information and details of each individual item and related service. ]***



(Note: Cost of item 1 and item 2 are to be carried forward to Attachment 1 in appropriate place)

## Attachment 2

### Rate of individual Items

Sl. No.	Description	Quantity	Unit	Item Rate/Unit INR (including all taxes)	Item Rate/Unit INR (excluding all taxes)	Total Cost INR
<b>FT/MES - FDP Lab</b>						
1	Screw driver, flat head 180mm length Tip size:2.5mm	80	Piece			
2	Screw driver, flat head 180mm length Tip size:4mm	80	Piece			
3	Screw driver, Philips 180mm length Tip size:#1	80	Piece			
4	Screw driver, Philips 180mm length Tip size:#2	80	Piece			
5	Electrical Test pen 100-250V,3mm tip	80	Piece			
6	Pruning shear	20	Piece			
7	Copper cable, PVC, multiple strand 1.5mm <sup>2</sup> x70m Brown, Blue Green/Yellow	12	4 Roll for each colour			
8	End of line resistor 3 k $\Omega$ or 4.8k $\Omega$ (actual size depend on alarm system recommendation)	400	Piece			
9	390 $\Omega$ resistor (actual size depend on alarm system recommendation)	400	Piece			
10	Smoke detector tester spray 71g	2	Bottle			
11	Hair dryer (used as heat detector tester) 230V, 1.5~2kW	4	Piece			

12	Fire extinguisher Vapourising liquid	10	Piece			
13	Allen key, 7 pcs, 1.5-6mm	10	Set			
14	Hose clip for fire hose reels Size:25-35 mm	10	Piece			
15	'O'ring seal for hose reel 30 mm	80	Piece			
16	Screw driver flat head 6 x 125mm	10	Piece			
17	Pipe wrench, Cast iron handle with drop forged jaw, heat treated	10	Piece			
18	Adjustable spanner, Drop forged steel, chrome plated Length: 8", 12"	20	Piece			
19	Combination spanner set of 14 pcs 6-19mm	10	Set			
20	Circlip plier, outer	4	Piece			
21	Circlip plier, inner, bent nose	4	Piece			
22	Circlip plier, inner, straight nose	4	Piece			
23	Water flow rate meter For mounting on fire hose measure water flow rate (Fire hose reel performance test)	4	Piece			
24	10m PTFE White Thread Pipe Tape, Plumbers Sealing Tape	80	Piece			
25	Leather strap and lock (To be fitted on dry riser landing valve)	10	Set			
26	Silicon rubber sheet 12"x 12" x 1/8 " (Washer)	10	Piece			
27	Hole punch, HCS, 10pcs Hole size: 5-32mm	10	Piece			
28	Air relief valve for riser system	4	Piece			
29	Water driven gong (For sprinkle system)	4	Piece			

**FT/MES - FSM Lab**

30	Test pen-contact type 100-250V	80	piece			
31	Pruning shear	20	Piece			
32	Copper cable, PVC, multiple strand 1.5mm <sup>2</sup> x70m Brown, Blue Green/Yellow	8	Roll			
33	Multimeter Digital	40	Piece			
34	Clamp on ampmeter	10	Piece			
35	Extension wire, 5m C/W 13A socket outlet and 3 pin plug	10	Piece			
36	Magnetic contactor 230VAC coil 3 phase,10A To be match with item 8	160	Piece			
37	Auxiliary contact 2 nos NC contact 2 nos NO contact Front mount, on item 7	160	Piece			
38	Thermal overload relay To be front mounted on main contactor (item7)	80	Piece			
39	230V AC Timer relay ON delay type Single timer Solid state	80	Piece			
40	Timer relay base Design must be match with item 9	80	Piece			
41	230VAC ,indicating light bulb, 6A rating Green, Red, Blue and Amber Bulb specification shall match the bulb fitting that mounted on the wiring panel	80	Set			
42	Cartridge fuse holder,230V Size must be able to hold the fuse in item 14	80	piece			
43	Cartridge fuse, 2A,230V Size must be able to fit into the item 13 holder	160	Piece			

44	Single phase motor, 230V, 1hp	4	Piece			
45	Float switch 24VAC,5A	20	Piece			
46	Stepped down Transformer 230V/24V	80	Piece			
47	24VAC relay, 5A	400	Piece			
48	24VAC relay socket base For mounting of item 18	400	Piece			
49	6A MCB, 230V Type B, Single pole, 6kA	80	Piece			
50	Electric Buzzer 6-24V DC	80	Piece			
51	230V ½" motorised actuated c/w valve	40	Piece			
52	Automatic water level controller 3 level sensor type	80	Piece			
53	Level relay, 230V AC To use with item 23 24V AC secondary	80	Piece			
54	Water Flow switch, brass Paddle type	80	Piece			
55	Water Pressure switch 20-65 PSI	80	Piece			
56	Float valve (Equilibrium, ball valve)	10	Piece			
57	Plumbing Gasket sheet Rubber, 12 x 12 inch x 1/8 thick	80	Piece			
58	Ball Valve Seals Size is to be fitted on item 27	80	Piece			
59	Water soluble grease 100g	4	Bottle			
60	Hole punch, HCS,10pcs Hole size: 5-32mm	10	Set			
61	Plumber Glove rubber	80	pairs			
62	Fluorescent Lumi 8w EXIT Sign Emergency Lighting 230V AC, c/w rechargeable battery, lamp tube and accessories	40	set			

63	Fire emergency light Double head. LED rechargeable 230VAC C/W rechargeable battery, lamp bulbs	40	Set			
64	Lux meter 0-50,000 Lux	4	Piece			
65	Sound level meter 30-130 dB 0.1 dB resolution	4	Piece			
66	Battery Hydrometer 250 mm	4	Piece			
67	Digital Laser Tachometer Non-contact	4	Piece			
68	CAT 5e cable,50m long 4 pairs, Solid core	2	Roll			
69	BNC cable,SC RG 59 coaxial cable for CCTV 50m,75Ω	2	Roll			
70	RJ 45 Cat 5e crimp tool Cutting, stripping and terminating of Cat 5e cable	40	Piece			
71	RJ 45 connector, pack of 100 pcs For Cat 5e cable	2	pack			
72	RJ 45 network cable tester	8	piece			
73	BNC cable crimping tool For RG59 cable	40	Piece			
74	Coaxial cable stripper For RG59 cable	40	Piece			
75	RG59 BNC male ,SC connector Pack of 100 sets	2	Pack			
76	2 m long Fiber optic cable with both end terminated with connector Type of connector on both ends must match with the transmitter and receiver. Eg, LC-LC or SC-SC type Multimode etc	20	piece			

77	Fibre optic transmitter/receiver 230V, with optical fibre BNC-	20	No.			
78	6 gang Extension wire 3 m long	10	Piece			
79	Balanced ¼"TRS jack plug audio cable, 6.35mm 3m long Male to male	4	Piece			
80	Unbalanced ¼"TRS jack plug audio cable, 6.35mm 2m long Male to male	4	Piece			
81	Microphone cable for dynamic microphone Female XLR to 1/4 (6.35mm) TS Mono Jack Unbalanced 2 m long	4	Piece			
82	Microphone cable Female XLR to male XLR balanced 3 pin for condenser microphone 2 m long	4	Piece			
83	TRS (Tip ring sleeve) phone jack Balanced type	20	Piece			
84	TRS (Tip ring sleeve) phone jack Unbalanced type	20	Piece			
85	RCA plug Jack	20	Piece			
86	Screw driver , flat head 200 mm, 5mm width	20	Piece			
87	Screw driver , Philips 200 mm, 4.5mm	20	Piece			
88	Safety goggles	20	Pair			
89	Bench brush	20	Piece			
90	Countersunk head wood screws, Self tapping Thread dia:3 mm Thread length: 30 mm	2	box			
91	Countersunk head wood screws, Self tapping Thread dia:3 mm Thread length: 30 mm	2	Box			

92	Countersunk head wood screws, Self tapping Thread dia:3 mm Thread length: 30 mm	2	Box			
93	Automatic Door Closers Adjustable Closing/Latching Speed Aluminium For Left And Right Hand Doors c/w screw for mounting on door	80	Set			
94	Hydrated lime 22.7 kg per bag	20	Bag			
95	River sand 20kg/bag	40	Bag			
96	Bucket, 14L	160	No			
97	Fine sand sieve for plastering	160	Piece			
98	Sand sieve ,for normal floor tiling	160	Piece			
99	Floor tile Ceramic, 200 x 200 mm	960	Piece			
100	Glazed tiles 100 mm x 100 mm	1600	Piece			
101	800 Sand paper for wood surface, 9" x 11" waterproof	160	Piece			
102	300/400 Sand paper for wood surface, 9" x 11" waterproof	160	Piece			
103	Door hinges	160	Piece			
104	Cylindrical door lock c/w template for marking out, catch release tool, hexagonal wrench	80	Set			
105	HSS Hole Saw Cutter Drill Bits , $\text{Æ}54$ mm for Bench Drills		Piece			
106	Drill bits set of 25 pieces	8	Set			
107	Wire mesh For flooring 300 x 1000 mm	40	sheet			
108	Chalking line with chalk powder	10	Set			
109	Floor trap cover, PVC 6"x 6"x	40	Piece			

110	Brick 210 mm x 103 mm x 65 mm	300	Piece			
111	porcelain soap dish. 6"x 4"	40	Piece			
112	Putty knife	20	Piece			
113	Masking tape	20	Roll			
114	Methylated spirit 4L	4	Bottle			
115	Shellac brush	40	Piece			
116	Shellac solution 1L	20	Bottle			
117	Paint roller tray	40	Piece			
118	Paint roller	40	Piece			
119	Turpentine 15L	4	Tin			
120	Paint undercoat, metal Oil based 5 L	10	Bottle			
121	Paint Metal Primer - Red Oxide - 5L Oil based	10	Tin			
122	Enamel paint, metal Oil based Gloss 5L	10	Tin			
123	Putty Filler	2	Bottle			
124	Wood stain, oil based 5 L	4	Tin			
125	Lacquer, clear 2 L	8	Tin			
126	Lacquer thinner 2 L	4	Tin			
127	Sealing coat, water based on concrete 1 L	10	Tin			
128	Undercoat, water based on concrete, 1 L	10	Tin			
129	Finishing coat , water based on concrete, 5L	4	Tin			
130	Stiff bristle brush	10	Piece			
131	Soft bristle brush	10	Piece			
132	Sponge	20	Piece			
133	Wax paper	2	Roll			
134	Glove, Disposable, Box of 100 Pack,	2	Box			
<b>FT/MES - FSM Lab</b>						
135	GI pipe Ø15mm x 2500mm	200	Meter			



136	GI pipe Ø19mm x 1675mm	134	Meter			
137	GI pipe Ø25mm x 225mm	54	Meter			
138	Elbow Ø19mm- Ø15mm	80	Piece			
139	Elbow Ø15mm, female	80	Piece			
140	T Ø19mm- Ø15mm "T" box,female	80	Piece			
141	T Ø19mm "T" box, female	80	Piece			
142	T Ø15mm "T" box,female	160	Piece			
143	Ø15mm Union Coupler	160	Pairs			
144	Ø15mm bib Tap, male, GI	80	Piece			
145	10m PTFE White Thread Pipe Tape, Plumbers Sealing Tape	80	Roll			
146	Hack Saw blade, HSS, 32 TPI, 300mm long	80	Piece			
147	Threading die set, right hand, for Ø15mm and Ø19mm GI pipe	80	Set			
148	Lubricating oil For pipe threading by hand	2	Litre			
149	Oil can	20	Piece			
150	Pipe wrench, Cast iron handle with drop forged jaw, heat treated	20	Piece			
151	Adjustable spanner, Drop forged steel, chrome plated Length: 8", 12"	20	Piece			
152	Copper tube Ø15mm x 2565mm	204.8	Meter			
153	Copper tube Ø25mm x 400mm	32	Meter			
154	Ø15mm, brass CMI connector	160	Set			
155	Compression plug Brass, for Ø15mm tube	80	Set			

156	Compression sleeve seal ring, brass, double taper For Ø15mm copper tube	1040	Piece			
157	Portable Gas torch For capillary soldering Brazing of copper tube	10	Nos			
158	Pipe cutter for copper and stainless steel tube 4-25mm Dia tube	20	Nos			
159	GI pipe cutter 15-25mm Dia pipe	10	Nos			
160	Stainless steel pipe Ø15mm x 660mm	52.8	Meter			
161	Flange nut, brass, and washer for flange joint on Ø15mm tube	820	Set			
162	Compression nut, brass For compression ring joint on Ø15mm tube	480	Piece			
163	Tee" fitting, brass 2 nos external thread and 1 internal thread as shown	160	Piece			
164	Male threaded elbow For Ø15mm tube One end for flange joint and one end for compression ring joint	160	Piece			
165	UPVC pipe Ø15mm x 2000mm	160	Meter			
166	UPVC pipe Ø32mm x 500mm For basin waste pipe(White)	40	Meter			
167	UPVC elbow, one threaded end For Ø15mm UPVC pipe	80	Piece			
168	Polypropylene pipe Ø20mm x 250mm	20	Meter			
169	UPVC elbow Ø15mm	80	Piece			
170	UPVC elbow Ø20mm (Female threaded) x Ø15mm	160	Piece			
171	Solvent cement for uPVC pipe, 100g	4	Bottle			
172	Hot air gun 230V, 1600C max.	20	Piece			

173	Brass water meter 15mm/15mm	1	Piece			
174	Check valve, brass Ø15mm, female thread	80	Piece			
175	Stop tap, Ø15mm, male threaded both end, compression ring joint	80	Piece			
176	CMI Tee, brass Ø25mm x Ø25mm x Ø15mm C/w compression nut	80	Piece			
177	Threading oil, bottle of 5 Litre.	1	Bottle			
178	Rubber expansion joint Bellow type, flexible Female thread on both end, Size 1: Ø25mm both end Size 2: Ø19mm both end	80	Piece			
179	Ductile iron flange Inner hole, Ø25mm	80	Piece			
180	Cold/hot water mixer tap replacement cartridge for item 51	8	Piece			
181	Ø 15mm screwdown bib tap	80	Piece			
182	Ø 15mm cold/hot cartridge mixing tap	80	Piece			
183	Ø 15mm cartridge pillar tap, ¼ turn	80	Piece			
184	Tap repair kits Tap Washer set Assorted, O-Rings, Washers & C-Clips, 125 Pieces	4	Set			
185	Wash Basin, ceramic Wall hung, 410mm x 340mm x 165mm	1	Piece			
186	Basin wrench Alloy steel, spring loaded head flops over for loosening and tightening at different angles	20	Piece			

187	Box spanner set of 8 Drop forged steel T-bar Length about 205mm Size: 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 & 20x22mm	10	Piece			
188	UPVC Tee fitting Ø32mm, slide fit	80	Piece			
189	Brass Tee fitting Ø 15mm 3 x Compression ring joint	80	Piece			
190	Fastening Nut & washer For tightening the Ø 15mm pillar tap	80	Set			
191	Ø 32mm Bottle trap Size shall match with item 53	80	Piece			
192	Silicon rubber sheet 12"x 12" x 1/8 " (Washer)	10	sheet			
193	Hole punch, HCS,10pcs Hole size: 5-32mm	10	Set			
194	Sensor activated tap system Battery operated or AC (230V)/DC	40	Set			
195	Rubber ring seal For pillar tap used in item 65	80	Piece			
196	sensor activated flush valves Manual push button, AC 230V / DC operated, Solenoid valve Installation accessories	20	Set			
197	Flushing cistern valve and siphon Plastic main body Dual Flush, push button	20	Set			
198	Siphon flush with flushing handle and accessories	20	Set			
199	Masonry drill bit,150mm Carbide tip , size : Ø1/8", 3/16",1/4",5/16",3/8" & 1/2"	10	Set			

200	75mm x 3.75mm Tungsten nail Used as centre punch	20	Piece			
201	Thermometer 300mm long stem 0-1000C.	8	Piece			
202	Storage tank water heater 230V, 40L	20	Piece			
203	Instant water heater c/w flexible hose and installation accessories	20	Piece			
204	GI Ball Stop valve, Female thread on both end Ø 15mm x Ø15mm	160	Piece			
205	GI Stop valve, Female thread on both end Size 1 Ø 25mm x Ø 25mm	80	Piece			
206	GI Stop valve, Female thread on both end Size 2 Ø 19mm x Ø 19mm	81	Piece			
207	GI Y strainer Ø 25mm x Ø 25mm Female thread both end	80	Piece			
208	GI Tee fitting male thread Size 1 Ø25mm x Ø25mm x Ø15mm	80	Piece			
209	GI Tee fitting male thread Size 2 Ø19mm x Ø19mm x Ø15mm	80	Piece			
210	Water pressure gauge 0-300 psi (0-21 bar) Male thread, Ø 15mm for connection to stop valve	160	Piece			
211	GI check valve, Ø19mm Female thread both end	80	Piece			
212	Disc plunger, 122cm long Brass universal joint. for clearing manholes, removing blockages and debris from drains.	10	Piece			

213	Cup plunger	10	Piece			
214	Hand spinner 5/16"x 25 ft	10	Piece			
215	Drain cleaning rod set 12 pcs	4	Set			
216	Auger ¼ x 13 inch Hair Clog Remover Tool	4	Piece			
217	Allen key, 7 pcs, 1.5-6mm	4	Set			
218	Combination spanner set of 14 pcs 6-19mm	4	Set			
219	Hammer	10	Set			
220	PPR Fusion Machine	2	Set			
221	Ply Board (for practice)	10	Piece			
222	Plumber Helmet	80	Set			
223	Plumber Hand Gloves	80	Set			
224	White Goggles	80	Set			
225	Spirit Level	10	Piece			
226	Measuring Tape	10	Piece			
227	Trisquare	10	Piece			
228	OHP Marker Pen	10	Piece			
229	Workshop Apron(for Plumber)	80	Piece			
230	Metal Plumbob	10	Piece			
231	Hacksaw Frame (HSS, 32 TPI, 300mm long)	10	Piece			
232	Tapping Attachment (For Internal Threading)	5	Set			
233	Copper Brazing Filler Rod	2	Set			
234	Silver Brazing Paste Flux	1	Bottle			

**Total Cost (INR) in Figure**

**Total Cost (INR) in Words**

**Item 2**

**Total Cost of Related Services (INR) In Figure**

**Total Cost of Related Services (INR) In Words**

# PURCHASE ORDER

Name of Country: India

Project Name: Odisha Skill Development Project

## Purchase Order Number:

This Purchase Order is entered into on \_\_\_[date]\_\_\_ day of \_[month]\_,\_ [year], between \_\_\_[name of Purchaser]\_\_\_ (hereinafter called "the Purchaser") on the one part, and \_\_\_[name of Supplier]\_\_\_ (hereinafter called "the Supplier") on the other part.

Whereas the Purchaser has requested for quotation for \_\_\_\_\_ [description of goods] to be supplied by Supplier in accordance with the **Purchase Order**, and has accepted the Quotation by the Supplier in the amount of \_\_\_ [amount in words] \_\_\_ [amount in figures] hereinafter called "the Purchase Order Price".

The Purchaser and the Supplier agree as follows:

1. The following documents shall be deemed to form and be read and construed as part of this Purchase Order, viz:
  - a) **Form of Quotation**, with **Supply and Delivery Schedule**;
  - b) **Purchase Order Terms and Conditions**;
2. Taking into account payments to be made by the Purchaser to the Supplier as provided herein, the Supplier hereby enters into this **Purchase Order** with the Purchaser to execute and complete the supply of goods under the Purchase Order and remedy any defects therein in conformity with the provisions of this **Purchase Order** and its **Terms and Conditions**.
3. The Purchaser agrees to pay the Supplier, in consideration of the supply and delivery of the goods and the remedying of defects therein, the **Purchase Order Price** as indicated and accepted in the **Form of Quotation**, under payment terms stipulated in the **Purchase Order Terms and Conditions**.

IN WITNESS whereof the parties hereto have executed the Purchase Order under the laws of Odisha, India [country of Purchaser] on the date indicated above.

**Signature and seal of the Purchaser:**

For and on behalf of

**Signature and seal of the Supplier:**

For and on behalf of

\_\_\_\_\_  
Name of Authorized Representative

\_\_\_\_\_  
Name of Authorized Representative

# PURCHASE ORDER TERMS AND CONDITIONS

**Project Name:** Odisha Skill Development Project (OSDP)

**Purchaser:** CEO, OSDA

Reference No. : **WSC/32/ACADEMIC PROCUREMENT/2021-22/447**

Package No. : PKG MES001: Consumables for Modules of MES, WSC Bhubaneswar

## 1. Definitions

- (a) "Purchase Order" means the agreement entered into between the Purchaser and the Supplier, together with the Purchase Order Documents referred to therein, including all attachments, appendixes, and all documents incorporated by reference therein.
- (b) "Purchase Order Documents" means the documents listed in the Agreement, including any amendments thereto.
- (c) "Purchase Order Price" means the price payable to the Supplier as specified in the Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Purchase Order.
- (d) "Delivery" means the transfer of the Goods from the Supplier to the Purchaser in accordance with the terms and conditions set forth in the Purchase Order.
- (e) "Completion" means the fulfilment of the delivery and any related service by the Supplier in accordance with the terms and conditions set forth in the Purchase Order.
- (f) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Purchase Order.
- (g) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.
- (h) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Purchase Order has been accepted by the Purchaser and is named as such in the Agreement, and includes the legal successors or permitted assigns of the Supplier.
- (i) "ADB" is the Asian Development Bank.

## 2. Applicable Law

The Purchase Order shall be interpreted in accordance with the laws of the Purchaser's country.

## 3. Language

All communications and documents related to the Purchase Order shall be in English.

## 4. Assignment

Any assignment of this Purchase Order or of any rights hereunder, in whole or in part without the prior written consent of the Purchaser shall be void.

## 5. Fixed Purchase Order Price

The prices indicated in the Form of Quotation are firm and fixed and not subject to any adjustment during Purchase Order performance.

## 6. Delivery Schedule

The delivery and related services should be completed as per schedule indicated in the **Supply and Delivery Schedule** but not exceeding 15 days from the Purchase Order effective date.

## 7. Delivery and Documents



Upon delivery, the Supplier shall provide the following documents to the Purchaser:

- (a) One copy of the Supplier's invoice showing goods' description, quantity, unit price, and total amount;
- (b) Any other document, if required

If goods are coming by courier, supplier shall also provide prior to delivery, copies of documents that will enable Purchaser to receive the goods. The above documents shall be received by the Purchaser at least one week before arrival of the goods and, if not received, the Supplier shall be responsible for any consequent expenses.

**8. Taxes and Duties**

The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the Purchase Ordered Goods to the Purchaser.

**9. Payment**

Payment of the Purchase Order price shall be made in the following manner:

100% within 30 days after delivery of all goods and completion of related services including verification & installation (if any), on site in accordance with the Purchase Order including the required documents; and upon submission of Supplier's claim.

The Performance guarantee amount shall be refunded within 15 days after the acceptance certificate issued by the Purchaser for execution of the supply.

**10. Defects**

All defects will be corrected by the Supplier without any cost to the Purchaser within 30 day from the date of notice by Purchaser. The name and address of service facility where the defects are to be corrected by the Supplier within the warranty period are:

Facility – World Skill Center, Bhubaneswar  
Address - Block B, Sector A, Tower, 2010,  
Mancheswar Industrial Estate,  
City: Bhubaneswar  
ZIP code: 751007

**11. Resolution of Disputes**

The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute between them under or in connection with the Purchase Order. In the case of an unresolved dispute between the Purchaser and the Supplier, the dispute shall be settled in accordance with the provisions of the Laws of India.

**12. Failure to Perform**

The Purchaser may without prejudice to all its other remedies under the Purchase Order, deduct from the Purchase Order Price, as liquidated damages, a sum equivalent to the 0.5% percentage of the Purchase Order Price for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of 2% of the Purchase Order Price. Once the maximum is reached, the Purchaser may terminate the Purchase Order.

**13. Accounts and Records**

The Supplier shall keep accurate and systematic accounts and records in respect of the delivered goods in such form and detail as are customary in the industry, for a period of no less than 1 years after the expiration or termination of this Purchase Order.