

**Amendment No. 2****Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/PMSSY-III/02/MGPS/2016-17 dated 25-03-2017****Amendment No: HITES/PCD/PMSSY-III/02/MGPS/Amdt.1/16-17 dated 07.04.2017**

The following changes are being incorporated in the above referred Tender Enquiry Document.

**SECTION I****NOTICE INVITING TENDERS (NIT)****1. Revised (in place of existing):**

<b>Medical Gas Pipeline System</b>					
<b>Event Number (Rfx) – 3000001913</b>					
<b>Sch No.</b>	<b>Consignee Name</b>	<b>States</b>	<b>Consignee Code</b>	<b>Qty.</b>	<b>EMD (Rs.)</b>
1	Government Medical College - Anantapur	Andhra Pradesh	GMCA	1	9,00,000
2	Sidhartha Medical College - Vijayawada	Andhra Pradesh	SMCV	1	9,00,000
3	Vijaynagar Institute of medical Science	Karnataka	VIMS	1	9,00,000
4	Gajra Medical college	Madhya Pradesh	GCMC	1	9,00,000
5	GMC - Rewa	Madhya Pradesh	GMCR	1	9,00,000
6	Netaji Subhash Ch. Bose Medical College - Jabalpur	Madhya Pradesh	NSBMC	1	9,00,000
7	GMC - Aurangabad	Maharashtra	GMCA	1	9,00,000
8	MKCGMC - Berhampur	Odisha	MKCGMC	1	9,00,000
9	RNTMC - Udaipur	Rajasthan	RNTMC	1	9,00,000
10	SPMC - Bikaner	Rajasthan	SPMC	1	9,00,000
11	GMC - Kota	Rajasthan	GMCKT	1	9,00,000
12	GMC - Tanjavur	Tamil Nadu	GMCT	1	9,00,000
13	GMC - Tirunelveli	Tamil Nadu	GMCTR	1	9,00,000
14	GMC - Warangal	Telangana	GMCW	1	9,00,000
15	RGIMS - Adilabad	Telangana	RGIMS	1	9,00,000
16	MLNMC - Allahabd	Uttar Pradesh	MLNMC	1	9,00,000
17	GMC - Jhansi	Uttar Pradesh	GMCJ	1	9,00,000
18	NBMC - Siliguri	West Bengal	NBMC	1	9,00,000
19	LLRMMC-Meerut	Uttar Pradesh	LLRMMC	1	9,00,000
20	GMC-Gorakhpur	Uttar Pradesh	GMC	1	9,00,000

**SECTION - IV  
GENERAL CONDITIONS OF CONTRACT (GCC)**

**2. Existing:**

**23. Liquidated damages**

23.1 Subject to GCC clause 26, if the supplier fails to deliver or install /commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract including opening of office in India as per the undertaking given in the qualification criteria, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract as per GCC 24.

During the above-mentioned delayed period of supply and / or performance, the conditions incorporated under GCC sub-clause 22.4 above shall also apply.

**Read as:**

23.1 Subject to GCC clause 26, if the supplier fails to deliver or install /commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract including opening of office in India as per the undertaking given in the qualification criteria, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract as per GCC 24. ***Since the Liquidated damages are in virtue of non-performance of services, it will attract Service Tax also which in turn shall be deducted from the bidder.***

During the above-mentioned delayed period of supply and / or performance, the conditions incorporated under GCC sub-clause 22.4 above shall also apply.

**SECTION - VI  
LIST OF REQUIREMENTS**

**3. Revised (in place of existing):**

**Part I:**

Sch No.	Consignee Name	States	Consignee Code	Qty.	Warranty in years	CMC in years
1	Government Medical College - Anantapur	Andhra Pradesh	GMCA	As per BOQ per Consignee	5	5
2	Sidhartha Medical College - Vijayawada	Andhra Pradesh	SMCV		5	5
3	Vijaynagar Institute of medical Science	Karnataka	VIMS		5	5

Sch No.	Consignee Name	States	Consignee Code	Qty.	Warranty in years	CMC in years
4	Gajra Medical college	Madhya Pradesh	GMCM		5	5
5	GMC - Rewa	Madhya Pradesh	GMCR		5	5
6	Netaji Subhash Ch. Bose Medical College - Jabalpur	Madhya Pradesh	NSBMC		5	5
7	GMC - Aurangabad	Maharashtra	GMCAR		5	5
8	MKCGMC - Berhampur	Odisha	MKCGMC		5	5
9	RNTMC - Udaipur	Rajasthan	RNTMC		5	5
10	SPMC - Bikaner	Rajasthan	SPMC		5	5
11	GMC - Kota	Rajasthan	GMCKT		5	5
12	GMC - Tanjavur	Tamil Nadu	GMCT		5	5
13	GMC - Tirunelveli	Tamil Nadu	GMCTR		5	5
14	GMC - Warangal	Telangana	GMCW		5	5
15	RGIMS - Adilabad	Telangana	RGIMS		5	5
16	MLNMC - Allahabd	Uttar Pradesh	MLNMC		5	5
17	GMC - Jhansi	Uttar Pradesh	GMCJ		5	5
18	NBMC - Siliguri	West Bengal	NBMC		5	5
19	LLRMMC -Meerut	Uttar Pradesh	LLRMMC		5	5
20	GMC-Gorakhpur	Uttar Pradesh	GMC		5	5

**SECTION - VII**  
**TECHNICAL SPECIFICATIONS**

**4. Existing:**

**Added BOQ line item:**

<b>BOQ-MGPS SYTEM -VIMS BELLARY-KARNATAKA (Sch. No. 03)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>
9	Gas Outlet Points/ Terminal Units with probe: Supply, Installation, testing and commissioning of Gas outlet points for Oxygen, Nitrous Oxide, Medical Air 4 Bar, Vacuum, CO2 and AGSS.		

<b>BOQ-MGPS SYTEM -VIMS BELLARY-KARNATAKA (Sch. No. 03)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>
	Medical Air 7 outlet with probe	2	Nos

5. Existing:

Added BOQ line item:

<b>BOQ MGPS SYSTEM - RGIMS ADILABAD-TELANGANA (Sch. No. 14)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>
9	Gas Outlet Points/ Terminal Units with probe: Supply, Installation, testing and commissioning of Gas outlet points for Oxygen, Nitrous Oxide, Medical Air 4 Bar, Vacuum, CO2 and AGSS.		
	Medical Air 7 outlet with probe	2	Nos

6. Added BOQ for LLRMMC -Meerut:

<b>BOQ-MGPS SYTEM -LLRMMC Meerut-UTTAR PRADESH (Sch. No. 19)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>
1.1	<b>Fully Automatic Oxygen Control System</b> : Supply, Installation testing and commissioning of Fully Automatic Oxygen Control System. As per specification	1	Nos
1.2	<b>Oxygen Manifold (2x16)</b> : Supply, Installation, testing and commissioning of (2x16 size) class D cylinder Oxygen Supply System. As per specification	1	Nos
1.3	<b>Emergency Oxygen Supply System</b> : Supply, Installation, testing and commissioning of (2x5 size) class D cylinder Emergency Oxygen Supply System. As per specification	1	Nos
1.4	<b>Oxygen Flow meter with Humidifier Bottle:</b> Supply, installation, testing and commissioning of oxygen flow meter with humidifier bottle 0-15Litres. As per specification	150	Nos
2.1	<b>Fully Automatic Manifold Control Panel for Nitrous Oxide:</b> Supply, installation testing and commission of fully automatic control panel for Nitrous Oxide. As per specification	1	Nos
2.2	<b>Nitrous Oxide Manifold System, (2x5 size):</b> Supply, installation, testing and commissioning of (2x5 size) Nitrous Oxide Manifold system .As per specification	1	Nos
2.3	<b>Emergency Nitrous Oxide Manifold System, 2x2 size:</b> Supply, installation, testing and commissioning of (2x2 size) cylinder Emergency Nitrous Oxide supply System .As per specification	1	Nos

<b>BOQ-MGPS SYTEM -LLRMMC Meerut-UTTAR PRADESH (Sch. No. 19)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>
3	<b>Medical Air Plant (Package Unit ) including electrical control panel:</b> Supply, Installation, testing and commissioning medical air plant having a minimum capacity of 3000LPM as Primary & 1000 LPM as standby or Total minimum Plant Capacity of 4000LPM and as per specification.	1	Nos
4	<b>Medical Vacuum Plant (Package unit):</b> Supply, Installation, testing and commissioning of Rotary Vane type medical vacuum plant having a minimum capacity of 2000LPM as primary and 2000 LPM as standby and as per specification	1	Nos
5	<b>Ward Vacuum Unit:</b> Suply, installation, testing and commissioning of Ward Vacuum Unit as per tender technical specifications.	150	Nos
6	<b>Theater Vaccum Unit for Operation Theaters:</b> Suply, installation, testing and commissioning of Theater Vacuum Unit as per tender technical specifications.	7	Nos
7	<b>Duplex AGSS System:</b> Supply installation and commissioning of Duplex AGSS system. As per specification	1	Nos
8	<b>Copper Pipes</b>		
	Solid drawn, seamless, deoxidised, non- arsenical, half hard, tempered and degreased copper pipes as per tender technical specifications		
	76mm OD X 1.5mm thick	50	m
	54mm OD X 1.2mm thick	50	m
	42mm OD X 1.2mm thick	200	m
	35mm OD X 1.2mm thick	100	m
	28mm OD X 1 mm thick	750	m
	22mm OD X 1 mm thick	750	m
	15mm OD X 1 mm thick	2500	m
	12mm OD X 1 mm thick	1200	m
9	<b>Gas Outlet Points/ Terminal Units with probe:</b> Supply,Installation, testing and commissioning of Gas outlet points for Oxygen, Nitrous Oxide, Medical Air 4 Bar , Vacuum, CO2 and AGSS .		
	Oxygen outlet with probe	235	Nos
	Nitrous Oxide outlet with probe	16	Nos
	Medical Air 4 outlet with probe	80	Nos
	Vacuum outlet with probe	235	Nos
	Medical Air 7 outlet with probe	2	Nos
	AGSS outlet with probe	7	Nos
10	<b>AREA VALVE BOX (WITHOUT VALVES) :</b> Supply,Installation, testing and commissioning of Area Valve Boxes. as per specification		
	Valve Box - 2 Gas Service with NIST Connection	4	Nos

<b>BOQ-MGPS SYTEM -LLRMMC Meerut-UTTAR PRADESH (Sch. No. 19)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>
	Valve Box - 3 Gas Service with NIST Connection	5	Nos
	Valve Box - 4 Gas Service with NIST Connection	5	Nos
	Valve Box - 5 Gas Service with NIST Connection	2	Nos
11	<b>MEDICAL GAS ALARM PANEL</b> : Supply, Installation, testing and commissioning of Medical Gas Alarm Panel.as per specification		
	Medical Gas Area Alarm for 2 services (Oxygen and MA4 bar )	4	Nos
	Medical Gas Area Alarm for 3 services (Oxygen, MA4 bar and Vacuum)	5	Nos
	Medical Gas Area Alarm 4 services (Oxygen, N2O, MA4 bar , N2O,and Vacuum)	5	Nos
	Medical Gas Area Alarm 5 services (Oxygen, MA4 bar , Vacuum,N2O & SA7)	2	Nos
	Master Alarm Panel	1	Nos
12	<b>LINE ISOLATION VALVES</b>		
	15 mm ball valve	44	Nos
	22 mm ball valve	19	Nos
	28 mm ball valve	9	Nos
	35 mm ball valve	3	Nos
	54 mm ball valve	3	Nos
	42 mm ball valve	1	Nos
	76 mm ball valve	1	Nos
13	Supply of O2 cylinders-Class D cylinders	60	Nos
14	Supply of N2O cylinders-Class D cylinders	20	Nos
15	Bed Head Horizontal/ vertical Wall Panel (With outlets) as per specification	47	Nos
16	Supply installation testing and commissioning of Medical gas hose assemblies as per standard followed	200	m
17	Electric wiring inside the gas manifold and plant room including electrical panel for plant & Manifold rooms	1	Ls
18	CO2 Manifold with control panel (without cylinder )as per specs <b>(OPTIONAL)</b>	1	Nos
19	Interconnection to LMO as per specification. per meter rate should be quoted <b>(OPTIONAL)</b>	1	Nos
20	Turnkey as per Specification	1	Nos
21	Construction of Operator Room and Toilet <b>(OPTIONAL)</b>	1	Nos

**7. Added BOQ for GMC-Gorakhpur:**

<b>BOQ-MGPS SYTEM -GMC Gorakhpur-UTTAR PRADESH (Sch. No. 20)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>

<b>BOQ-MGPS SYTEM -GMC Gorakhpur-UTTAR PRADESH (Sch. No. 20)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>
1.1	<b>Fully Automatic Oxygen Control System</b> : Supply, Installation testing and commissioning of Fully Automatic Oxygen Control System. As per specification	1	Nos
1.2	<b>Oxygen Manifold (2x16)</b> : Supply, Installation, testing and commissioning of (2x16 size) class D cylinder Oxygen Supply System. As per specification	1	Nos
1.3	<b>Emergency Oxygen Supply System</b> : Supply, Installation, testing and commissioning of (2x5 size) class D cylinder Emergency Oxygen Supply System. As per specification	1	Nos
1.4	<b>Oxygen Flow meter with Humidifier Bottle:</b> Supply, installation, testing and commissioning of oxygen flow meter with humidifier bottle 0-15Litres. As per specification	150	Nos
2.1	<b>Fully Automatic Manifold Control Panel for Nitrous Oxide:</b> Supply, installation testing and commission of fully automatic control panel for Nitrous Oxide. As per specification	1	Nos
2.2	<b>Nitrous Oxide Manifold System, (2x5 size):</b> Supply, installation, testing and commissioning of (2x5 size) Nitrous Oxide Manifold system .As per specification	1	Nos
2.3	<b>Emergency Nitrous Oxide Manifold System, 2x2 size:</b> Supply, installation, testing and commissioning of (2x2 size) cylinder Emergency Nitrous Oxide supply System .As per specification	1	Nos
3	<b>Medical Air Plant (Package Unit ) including electrical control panel:</b> Supply, Installation, testing and commissioning medical air plant having a minimum capacity of 3000LPM as Primary & 1000 LPM as standby or Total minimum Plant Capacity of 4000LPM and as per specification.	1	Nos
4	<b>Medical Vacuum Plant (Package unit):</b> Supply, Installation, testing and commissioning of Rotary Vane type medical vacuum plant having a minimum capacity of <b>2000LPM as primary and 2000 LPM</b> as standby and as per specification	1	Nos
5	<b>Ward Vacuum Unit:</b> Suply, installation, testing and commissiong of Ward Vacuum Unit as per tender technical specifications.	150	Nos
6	<b>Theater Vaccum Unit for Operation Theaters:</b> Suply, installation, testing and commissiong of Theater Vacuum Unit as per tender technical specifications.	7	Nos
7	<b>Duplex AGSS System:</b> Supply installation and commissioning of Duplex AGSS system. As per specification	1	Nos
8	<b>Copper Pipes</b>		
	Solid drawn, seamless, deoxidised, non- arsenical, half hard, tempered and degreased copper pipes as per tender technical specifications		
	76mm OD X 1.5mm thick	50	m

<b>BOQ-MGPS SYTEM -GMC Gorakhpur-UTTAR PRADESH (Sch. No. 20)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>
	54mm OD X 1.2mm thick	50	m
	42mm OD X 1.2mm thick	200	m
	35mm OD X 1.2mm thick	100	m
	28mm OD X 1 mm thick	750	m
	22mm OD X 1 mm thick	750	m
	15mm OD X 1 mm thick	2500	m
	12mm OD X 1 mm thick	1200	m
9	<b>Gas Outlet Points/ Terminal Units with probe:</b> Supply,Installation, testing and commissioning of Gas outlet points for Oxygen, Nitrous Oxide, Medical Air 4 Bar , Vacuum, CO2 and AGSS .		
	Oxygen outlet with probe	220	Nos
	Nitrous Oxide outlet with probe	16	Nos
	Medical Air 4 outlet with probe	72	Nos
	Vacuum outlet with probe	220	Nos
	Medical Air 7 outlet with probe	2	Nos
	AGSS outlet with probe	7	Nos
10	<b>AREA VALVE BOX (WITHOUT VALVES) :</b> Supply,Installation, testing and commissioning of Area Valve Boxes. as per specification		
	Valve Box - 2 Gas Service with NIST Connection	4	Nos
	Valve Box - 3 Gas Service with NIST Connection	4	Nos
	Valve Box - 4 Gas Service with NIST Connection	5	Nos
	Valve Box - 5 Gas Service with NIST Connection	2	Nos
11	<b>MEDICAL GAS ALARM PANEL :</b> Supply, Installation, testing and commissioning of Medical Gas Alarm Panel.as per specification		
	Medical Gas Area Alarm for 2 services (Oxygen and MA4 bar )	4	Nos
	Medical Gas Area Alarm for 3 services (Oxygen, MA4 bar and Vacuum)	4	Nos
	Medical Gas Area Alarm 4 services (Oxygen, N2O, MA4 bar , N2O,and Vacuum)	5	Nos
	Medical Gas Area Alarm 5 services (Oxygen, MA4 bar , Vacuum,N2O & SA7)	2	Nos
	Master Alarm Panel	1	Nos
12	<b>LINE ISOLATION VALVES</b>		
	15 mm ball valve	43	Nos
	22 mm ball valve	17	Nos
	28 mm ball valve	9	Nos
	35 mm ball valve	3	Nos
	54 mm ball valve	3	Nos
	42 mm ball valve	1	Nos



<b>BOQ-MGPS SYTEM -GMC Gorakhpur-UTTAR PRADESH (Sch. No. 20)</b>			
<b>SN.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>
	76 mm ball valve	1	Nos
13	Supply of O2 cylinders-Class D cylinders	60	Nos
14	Supply of N2O cylinders-Class D cylinders	20	Nos
15	Bed Head Horizontal/ vertical Wall Panel (Without outlets) as per specification	41	Nos
16	Supply installation testing and commissioning of Medical gas hose assemblies as per standard followed	200	m
17	Electric wiring inside the gas manifold and plant room including electrical panel for plant & Manifold rooms	1	Ls
18	CO2 Manifold with control panel (with cylinder )as per specs <b>(OPTIONAL)</b>	1	Nos
19	Interconnection to LMO as per specification. per meter rate should be quoted <b>(OPTIONAL)</b>	1	Nos
20	Turnkey as per Specification	1	Nos
21	Construction of Operator Room and Toilet <b>(OPTIONAL)</b>	1	Nos

### **SECTION – IX QUALIFICATION CRITERIA**

**8. Revised Eligibility (in place of existing) Table as per revised NIT at page number 11 of this amendment.**

**9. Note under Eligibility table:**

**Existing:**

The bidders have to quote for all the ***Eighteen (18)*** while submitting their bids. The purchaser will have the right to award the work for any schedule(s)/site(s) considering bidders eligibility and considering the best benefit (at the least cost) to the purchaser. In case a Bidder intending to get qualified in more than one schedule they should submit EMD accordingly for such number of schedules on cumulative basis. Thus, the bidder must quote for all ***Eighteen (18)*** schedule mandatorily, otherwise their bid will be summarily rejected.

**Read as:**

The bidders have to quote for all the ***Twenty (20)*** while submitting their bids. The purchaser will have the right to award the work for any schedule(s)/site(s) considering bidders eligibility and considering the best benefit (at the least cost) to the purchaser. In case a Bidder intending to get qualified in more than one schedule they should submit EMD accordingly for such number of schedules on cumulative basis. Thus, the bidder must quote for all ***Twenty (20)*** schedule mandatorily, otherwise their bid will be summarily rejected.

## Section – XX

### Consignee List

#### 10. Added Consignee details

Sl. No.	Name of Hopsital and Address	Consignee Code	State	Airport	SeaPort/ Dry Port
19	The Principal L. L. R. Medical College, Meerut Garh Road, Jai Bhim Nagar, Meerut Uttar Pradesh 250004 Phone: 0121-2760888 Email: medllrm@yahoo.com	LLRMMC-Meerut	Uttar Pradesh	DELHI AIR CARGO	ICD, TUGHLAKABAD
20	The Principal B.R.D.Medical college Gorakhpur Uttar Pradesh 273013 Phone: 0551 250 1736 Email:brdmcgkp1969@gmail.com, info@brdmc.org	GMC-Gorakpur	Uttar Pradesh	DELHI AIR CARGO	ICD, TUGHLAKABAD

Eligibility Table for Single and Cumulative site for Twenty (20) sites (in place of existing)												
Sch No.	Estimated Cost per site (Rs. in Cr.)	EMD per site (Rs. in Cr.)	Turnover ( Rs. in Cr.)		10% of the Minimum work of similar nature in the last five years globally (Rs. in Cr.)		50% of the Minimum work of similar nature in last five years globally as quoted in BOQ (Rs. in Cr.)		Avg. Net Worth of at least 10% of the estimated tender value in last five years (Rs. in Cr.)		Solvency of at least 30% of the estimated tender value (Rs. Cr.)	
			Average Annual Turnover	Average Annual Turnover (For Cum. sites)	Single Work order value	Single Work order value (For Cum. sites)	Work value	Work value (For Cum. sites)	Avg. Net Worth	Avg. Net Worth (For Cum. sites)	Solvency	Solvency (For Cum. sites)
1	4.50	0.09	1.35	1.35	0.45	0.45	2.25	2.25	0.45	0.45	1.35	1.35
2	4.50	0.09	1.35	2.70	0.45	0.90	2.25	4.50	0.45	0.90	1.35	2.70
3	4.50	0.09	1.35	4.05	0.45	1.35	2.25	6.75	0.45	1.35	1.35	4.05
4	4.50	0.09	1.35	5.40	0.45	1.80	2.25	9.00	0.45	1.80	1.35	5.40
5	4.50	0.09	1.35	6.75	0.45	2.25	2.25	11.25	0.45	2.25	1.35	6.75
6	4.50	0.09	1.35	8.10	0.45	2.70	2.25	13.50	0.45	2.70	1.35	8.10
7	4.50	0.09	1.35	9.45	0.45	3.15	2.25	15.75	0.45	3.15	1.35	9.45
8	4.50	0.09	1.35	10.80	0.45	3.60	2.25	18.00	0.45	3.60	1.35	10.80
9	4.50	0.09	1.35	12.15	0.45	4.05	2.25	20.25	0.45	4.05	1.35	12.15
10	4.50	0.09	1.35	13.50	0.45	4.50	2.25	22.50	0.45	4.50	1.35	13.50
11	4.50	0.09	1.35	14.85	0.45	4.95	2.25	24.75	0.45	4.95	1.35	14.85
12	4.50	0.09	1.35	16.20	0.45	5.40	2.25	27.00	0.45	5.40	1.35	16.20
13	4.50	0.09	1.35	17.55	0.45	5.85	2.25	29.25	0.45	5.85	1.35	17.55
14	4.50	0.09	1.35	18.90	0.45	6.30	2.25	31.50	0.45	6.30	1.35	18.90
15	4.50	0.09	1.35	20.25	0.45	6.75	2.25	33.75	0.45	6.75	1.35	20.25
16	4.50	0.09	1.35	21.60	0.45	7.20	2.25	36.00	0.45	7.20	1.35	21.60
17	4.50	0.09	1.35	22.95	0.45	7.65	2.25	38.25	0.45	7.65	1.35	22.95
18	4.50	0.09	1.35	24.30	0.45	8.10	2.25	40.50	0.45	8.10	1.35	24.30
19	4.50	0.09	1.35	25.65	0.45	8.55	2.25	42.75	0.45	8.55	1.35	25.65
20	4.50	0.09	1.35	27.00	0.45	9.00	2.25	45.00	0.45	9.00	1.35	27.00