المواصفات الفنية الخاصة بالمناقصة العامة رقم المناقصة : (٢٠١١/٧٣) الخاصة بشراء وتوريد (٩٩٠) موفة ألياف ضوئية مختلفة

السعات

المؤسسة العامة للاتصالات السلكية واللاسلكية الإدارة العامة للمشتريات والمخازن إدارة المشتريات - قسم العقود والمناقصات

Fibre Optic Splice Closures (Distribution Joint, 24/40 Fibres)

- 1- The closures is required for joining the two main cables (24 fibres, armoured, loose tubes (each cable has 6 loose tubes and each tube has 4 fibres)) and to splice them with the secondary fibre access cables (40 fibres).
- 2- The closure should include all the jointing materials for splicing (40 fibres) in addition to the fibre protection sleeves and moisture absorption compound Minimum of four cable entries, three cable entries materials should be supplied with the closure kit and the remaining entries with removable plugs and cable entries materials for future use.
- 3- Minimum four cable entries with diameters range from =22mm. and the cable entries should be divided in the two side of the closure.
- 4- The closure should be directly buried and in cable ducts with manholes.
- 5- The closure should be a mechanical type and be able to re-enterable many times for easy splicing any new branch cable. With out adding any new materials.
- 6- Equipped with fibre organizer trays of (24 fusion splices per each tray) with total capacity of 24/40 fibre splices and to hold the fibres splice parts and access length of fibre after splicing.
- 7- The splice trays or units should be movable ones to easy splicing any fibre to new branches without affecting the working ones –
- 8- The protection sleeve in the splice trays should be in on layer for easy maintenance.
- 9- The splice trays should be suitable for fusion and mechanical splice.
- 10- The capacity of the closure should be not less than 40 fibre splices.
- 11- It should have fixed parts to hold the central strength member of the cable so to prevent the cable from pulling out and prevent fibre bending in the organizer when the cable is twisted when handling the closure.
- 12- The closure should be with an appropriate dimension to prevent fibres and buffers from too tight bending radii.
- 13- It should be corrosion resistant and watertight.
- 14- It should be able to withstand maximum tensile load and the pressure when used for buried application.

- 15- It should be offered with materials of mounting on the manholes wall.
- 16- It should be considered that the manholes where the closures will be mounted might be filled with water fluid in the rain sessions.
- 17- The tenderer should offer one sample of the offered closure.
- 18- The closures should be opened and reclosed as of ten as required with out using power, consumable material or special tools.
- 19- The closures should include the pressure gas valve.
- 20- The closures shall be designed for a life expectancy of at least 30 years.
- 21- We will refuse the closures with the cylindrical shape.
- 22- The tender should offer catalogues for each type, which clear the mechanical construction details, dimension, drawing of the product offered and the installation construction. And should be in English language.
- 23- Information to be supplied: Manufacturers name country of origin make /model/code No-Closure content materials used operating environments.





Technical data sheet of optical fibre closure 24/40 fibre

Characteristics	Offered by the Tender
1- Closure	
- Capacity	
- Cable entries	
- Cable entire diameter	
- Cable fixing	
- Dimension	
- Corrosion resistant	
- Water tight	
- Max tensile load	
- Max pressure	
 Opened and reclosed as often as 	
required with out using power,	
consumable material or special	
tools.	
 Including pressure gas value 	
- Life expectancy	
2- Organizer trays	
- Tray no	
- Tray capacity	
- Protection sleeve arrangement in	
the tray	
- Suitable for fusion and mechanical	
splice	
- Tray dimension	
- Splice tray movability 3- Materials	
- Jointing materials for splicing the	
full capacity - Cable entries materials	
 materials of mounting on the manholes wall 	





Distribution Joint,24/40 fibres

Item	specification	
1- Closure		
Material of closure	plastic	
Capacity of closure	24 to 40 fibers	Expandable to72 fiber by adding cassettes
Number of entries	Minimum 6	
Cable enter diameter	6 min . 29 max .	
Cable fixing	Fixed by base of Galvanized steel	
Dimension Of Closure (L * W * H)mm	Min 450 * 200 * 150 Max 700 * 380 * 300	
Corrosion resistant	yes(necessary)	
Water tight	found	
Max tensile load	yes(necessary)	
Max pressure	yes(necessary)	
Opened and reclosed as often as required without using power consumable material or special tools	yes(necessary)	
Including pressure gas value	found	
Life expectancy	30 year	
2- Organizer trays		
Number of tray	2 to 4	
Tray capacity	12 to 24	
Protection sleeve arrangement in the tray	Arrangement shape	
Suitable for fusion and mechanical splice	yes(necessary)	
Tray dimension	suitable	
Splice tray movability	easy	
3- Materials		
Jointing materials for splicing the full	found	
capacity		
Cable entries materials	found	

Note:-

^{**}The closure should have area under the splice trays or in side of closure in order to keep of spear of loose tubes.

Fibre Optic Splice Closures (Distribution Joint, 36/48 Fibres)

- 1- The closures is required for joining the two main cables (36 fibres, armoured, loose tubes (each cable has 6 loose tubes and each tube has 6 fibres)) and to splice them with the secondary fibre access cables (48 fibres).
- 2- The closure should include all the jointing materials for splicing (48 fibres) in addition to the fibre protection sleeves and moisture absorption compound Minimum of four cable entries, three cable entries materials should be supplied with the closure kit and the remaining entries with removable plugs and cable entries materials for future use.
- 3- Minimum four cable entries with diameters range from =22mm. and the cable entries should be divided in the two side of the closure.
- 4- The closure should be directly buried and in cable ducts with manholes.
- 5- The closure should be a mechanical type and be able to re-enterable many times for easy splicing any new branch cable. With out adding any new materials.
- 6- Equipped with fibre organizer trays of (24 fusion splices per each tray) with total capacity of 36/48 fibre splices and to hold the fibres splice parts and access length of fibre after splicing.
- 7- The splice trays or units should be movable ones to easy splicing any fibre to new branches without affecting the working ones –
- 8- The protection sleeve in the splice trays should be in on layer for easy maintenance.
- 9- The splice trays should be suitable for fusion and mechanical splice.
- 10- The capacity of the closure should be not less than 48 fibre splices.
- 11- It should have fixed parts to hold the central strength member of the cable so to prevent the cable from pulling out and prevent fibre bending in the organizer when the cable is twisted when handling the closure.
- 12- The closure should be with an appropriate dimension to prevent fibres and buffers from too tight bending radii.
- 13- It should be corrosion resistant and watertight.
- 14- It should be able to withstand maximum tensile load and the pressure when used for buried application.



- 15- It should be offered with materials of mounting on the manholes wall.
- 16- It should be considered that the manholes where the closures will be mounted might be filled with water fluid in the rain sessions.
- 17- The tenderer should offer one sample of the offered closure.
- 18- The closures should be opened and reclosed as of ten as required with out using power, consumable material or special tools.
- 19- The closures should include the pressure gas valve.
- 20- The closures shall be designed for a life expectancy of at least 30 years.
- 21- We will refuse the closures with the cylindrical shape.
- 22- The tender should offer catalogues for each type, which clear the mechanical construction details, dimension, drawing of the product offered and the installation construction. And should be in English language.
- 23- Information to be supplied: Manufacturers name country of origin make /model/code No-Closure content materials used operating environments.

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Technical data sheet of optical fibre closure 36/48 fibre

	Characteristics	Offered by the Tender
1- C	losure	
	Capacity Cable entries Cable entire diameter Cable fixing Dimension Corrosion resistant Water tight Max tensile load Max pressure Opened and reclosed as often as required with out using power, consumable material or special tools. Including pressure gas value	
2- 0	Life expectancy rganizer trays Tray no Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability	
3- M	Jointing materials for splicing the full capacity Cable entries materials materials of mounting on the manholes wall	





Distribution Joint,36/48 fibres

Number of entries Cable enter diameter Cable enter diameter Cable fixing Fixed by base of Galvanized steel Dimension Of Closure (L * W * H)mm Min 450 * 200 * 150 Max 700 * 380 * 300 Ves(necessary) Water tight Found Max tensile load Max pressure Ves(necessary) Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value Life expectancy 2- Organizer trays Number of tray Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable enter diameter Gmin . 29 max . Minimum 6 Min 400 min . 29 max . Min 450 * 200 * 150 Max 700 * 380 * 300 Ves(necessary) Ves(necessar	Item	specification	
Capacity of closure 36 to 48 fibers Expandable to72 fiber by adding cassettes Minimum 6 Cable enter diameter Cable fixing Dimension Of Closure { L * W * H }mm Min 450 * 200 * 150 Max 700 * 380 * 300 Corrosion resistant Water tight Max tensile load Max tensile load Max pressure Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value Life expectancy 2 - Organizer trays Number of tray Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3- Materials Materials of mounting on the manholes Minimum 6 Min 1.29 max. Min 1.29 max. Life win . 29 max.	1- Closure		
Capacity of closure 36 to 48 fibers Expandable to72 fiber by adding cassettes	Material of closure	plastic	
Cable enter diameter 6 min . 29 max . Cable fixing Fixed by base of Galvanized steel Dimension Of Closure (L*W*H)mm Min 450*200*150 Max 700*380*300 Corrosion resistant yes(necessary) Water tight found Max tensile load yes(necessary) Max pressure yes(necessary) Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value found Life expectancy 30 year 2- Organizer trays Number of tray 2 to 4 Tray capacity 12 to 24 Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension suitable Splice tray movability easy 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes Fixed by base of Galvanized steel Min 450*200*150 Min 450*200*150 Max 700*380*300 Min 450*200*150 Min 450*200*200*150 Min 450*200*200*200 Min 450*200*200*200 Min 450*200*200*200 Min 450*200*200 Min 450*200*200 Max 700*380*300 Min 450*200*380 Min 450*200*200 Max 700*380*300 Max 700*380**300 Max 700*380*** Max 700*380** Max 10*380** Max 10*380** Max 10*380** Max 10*380** Max 10*380** Max 10*380** Max	Capacity of closure		Expandable to72 fiber by adding cassettes
Cable fixing Fixed by base of Galvanized steel Dimension Of Closure (L*W*H)mm Min 450 * 200 * 150 Max 700 * 380 * 300 Corrosion resistant yes(necessary) Water tight found Max tensile load yes(necessary) Max pressure yes(necessary) Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value found Life expectancy 30 year 2- Organizer trays Number of tray 2 to 4 Tray capacity 12 to 24 Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension suitable Splice tray movability easy 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes Fixed by base of Galvanized steel Min 450 * 200 * 150 Max 700 * 2150 M	Number of entries	Minimum 6	
Dimension Of Closure (L * W * H)mm Min 450 * 200 * 150 Max 700 * 380 * 300 Corrosion resistant yes(necessary) Water tight found Max tensile load yes(necessary) Max pressure yes(necessary) Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value Life expectancy 2- Organizer trays Number of tray Tray capacity 12 to 24 Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes Materials of mounting on the manholes Materials of mounting on the manholes	Cable enter diameter	6 min . 29 max .	
Corrosion resistant Water tight found Max tensile load Max pressure Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value Life expectancy 2 - Organizer trays Number of tray Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3 - Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes Max root * 380 * 300 yes(necessary) found found Jesus * 400 Jesus * 400		Fixed by base of Galvanized steel	
Water tight Max tensile load Max pressure Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value Life expectancy 2- Organizer trays Number of tray Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes Max pressure, found yes(necessary) yes(necessary) yes(necessary) found found found found found Materials of mounting on the manholes found Materials of mounting on the manholes	Dimension Of Closure (L * W * H)mm		
Max tensile load Yes(necessary) Max pressure Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value Life expectancy 2- Organizer trays Number of tray Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes Yes(necessary) Yes(necessary) Splice Gound Materials of mounting on the manholes Found	Corrosion resistant	yes(necessary)	
Max pressure Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value Life expectancy 2- Organizer trays Number of tray Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes Materials of mounting on the manholes Yes(necessary) yes(necessary) ges(necessary) Store 4 Arrangement shape Arrangement shape yes(necessary) ges(necessary) found found found found found found found found	Water tight	found	
Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value found Life expectancy 30 year 2- Organizer trays Number of tray 12 to 4 Tray capacity 12 to 24 Protection sleeve arrangement in the tray Suitable for fusion and mechanical yes(necessary) splice Tray dimension suitable Splice tray movability easy 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes Materials of mounting on the manholes yes(necessary) yes(necessary) generals found	Max tensile load	yes(necessary)	
Opened and reclosed as often as required without using power consumable material or special tools Including pressure gas value Ifound Ities expectancy Ities ex	Max pressure	yes(necessary)	
Life expectancy 2- Organizer trays Number of tray Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes 30 year 2 to 4 Arrangement shape Arrangement shape yes(necessary) suitable easy found found found found found found	required without using power consumable material or special tools		
2- Organizer trays Number of tray Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes 2 to 4 Arrangement shape Arrangement shape yes(necessary) suitable easy found found found found found found	Including pressure gas value	found	
Number of tray Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes 12 to 24 Arrangement shape Yes(necessary) suitable suitable easy found found found found found	Life expectancy	30 year	
Tray capacity Protection sleeve arrangement in the tray Suitable for fusion and mechanical splice Tray dimension Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes 12 to 24 Arrangement shape yes(necessary) suitable suitable easy found found found found found found found found	2- Organizer trays		
Protection sleeve arrangement in the tray Suitable for fusion and mechanical yes(necessary) splice Tray dimension Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes Arrangement shape yes(necessary) suitable suitable found found found found found found	Number of tray	2 to 4	
tray Suitable for fusion and mechanical yes(necessary) splice Tray dimension suitable Splice tray movability easy 3- Materials Jointing materials for splicing the full capacity Cable entries materials found Materials of mounting on the manholes found	Tray capacity	12 to 24	
splice Tray dimension Splice tray movability Splice tray movability 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes found		Arrangement shape	
Splice tray movability easy 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes found found found		yes(necessary)	
Splice tray movability easy 3- Materials Jointing materials for splicing the full capacity Cable entries materials Materials of mounting on the manholes found found found	Tray dimension	suitable	
3- Materials Jointing materials for splicing the full capacity Cable entries materials found Materials of mounting on the manholes found		10000000	
capacity Cable entries materials found Materials of mounting on the manholes found	875 - 1780 CM & M		
Materials of mounting on the manholes found	7	found	
1861 - Control of the	Cable entries materials	found	
wall	Materials of mounting on the manholes wall	found	

Note:-

^{**}The closure should have area under the splice trays or in side of closure in order to keep of spear of loose tubes.

Fibre Optic Splice Closures (Distribution Joint, 48/72 Fibres)

- 1- The closures is required for joining the two main cables (48 fibres, armoured, loose tubes (each cable has 6 loose tubes and each tube has 8 fibres)) and to splice them with the secondary fibre access cables (72 fibres).
- 2- The closure should include all the jointing materials for splicing (48 fibres) in addition to the fibre protection sleeves and moisture absorption compound Minimum of four cable entries, three cable entries materials should be supplied with the closure kit and the remaining entries with removable plugs and cable entries materials for future use.
- 3- Minimum four cable entries with diameters range from =22mm. and the cable entries should be divided in the two side of the closure.
- 4- The closure should be directly buried and in cable ducts with manholes.
- 5- The closure should be a mechanical type and be able to re-enterable many times for easy splicing any new branch cable. With out adding any new materials.
- 6- Equipped with fibre organizer trays of (24 fusion splices per each tray) with total capacity of 48/72 fibre splices and to hold the fibres splice parts and access length of fibre after splicing.
- 7- The splice trays or units should be movable ones to easy splicing any fibre to new branches without affecting the working ones –
- 8- The protection sleeve in the splice trays should be in on layer for easy maintenance.
- 9- The splice trays should be suitable for fusion and mechanical splice.
- 10- The capacity of the closure should be not less than 72 fibre splices.
- 11- It should have fixed parts to hold the central strength member of the cable so to prevent the cable from pulling out and prevent fibre bending in the organizer when the cable is twisted when handling the closure.
- 12- The closure should be with an appropriate dimension to prevent fibres and buffers from too tight bending radii.
- 13- It should be corrosion resistant and watertight.
- 14- It should be able to withstand maximum tensile load and the pressure when used for buried application.

- 15- It should be offered with materials of mounting on the manholes wall.
- 16- It should be considered that the manholes where the closures will be mounted might be filled with water fluid in the rain sessions.
- 17- The tenderer should offer one sample of the offered closure.
- 18- The closures should be opened and reclosed as of ten as required with out using power, consumable material or special tools.
- 19- The closures should include the pressure gas valve.
- 20- The closures shall be designed for a life expectancy of at least 30 years.
- 21- We will refuse the closures with the cylindrical shape.
- 22- The tender should offer catalogues for each type, which clear the mechanical construction details, dimension, drawing of the product offered and the installation construction. And should be in English language.
- 23- Information to be supplied: Manufacturers name country of origin make /model/code No-Closure content materials used operating environments.



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Technical data sheet of optical fibre closure 48/72 fibre

Characteristics	Offered by the Tender
1- Closure - Capacity - Cable entries - Cable entire diameter - Cable fixing - Dimension	
 Corrosion resistant Water tight Max tensile load Max pressure Opened and reclosed as often as required with out using power, consumable material or special tools. Including pressure gas value Life expectancy 	
2- Organizer trays - Tray no - Tray capacity - Protection sleeve arrangement in the tray - Suitable for fusion and mechanical splice - Tray dimension - Splice tray movability	
3- Materials - Jointing materials for splicing the full capacity - Cable entries materials - materials of mounting on the manholes wall	





Distribution Joint, 48/72 fibres

1- Closure	specification	
Material of closure	plastic	
Capacity of closure	48 to 72 fibers	Expandable to96 fiber by adding cassettes
Number of entries	Minimum 6	
Cable enter diameter	6 min . 29 max .	
Cable fixing	Fixed by base of Galvanized steel	
Dimension Of Closure (L * W * H)mm	Min 450 * 200 * 150 Max 700 * 380 * 300	
Corrosion resistant	yes(necessary)	
Water tight	found	
Max tensile load	yes(necessary)	
Max pressure	yes(necessary)	
Opened and reclosed as often as required without using power consumable material or special tools	yes(necessary)	
Including pressure gas value	found	
Life expectancy	30 year	
2- Organizer trays		
Number of tray	3 to 6	
Tray capacity	12 to 24	
Protection sleeve arrangement in the tray	Arrangement shape	
Suitable for fusion and mechanical splice	yes(necessary)	
Tray dimension	suitable	
Splice tray movability	easy	
3- Materials		
ointing materials for splicing the full capacity	found	
	found	
Cable entries materials	found	

Note:-

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^{**}The closure should have area under the splice trays or in side of closure in order to keep of spear of loose tubes.

Fibre Optic Splice Closures (Distribution Joint, 72/128 Fibres)

- 1- The closures is required for joining the two main cables (72 fibres, armoured, loose tubes (each cable has 6 loose tubes and each tube has 12 fibres)) and to splice them with the secondary fibre access cables (36 fibres).
- 2- The closure should include all the jointing materials for splicing (72 fibres) in addition to the fibre protection sleeves and moisture absorption compound Minimum of four cable entries, three cable entries materials should be supplied with the closure kit and the remaining entries with removable plugs and cable entries materials for future use.
- 3- Minimum four cable entries with diameters range from =22mm. and the cable entries should be divided in the two side of the closure.
- 4- The closure should be directly buried and in cable ducts with manholes.
- 5- The closure should be a mechanical type and be able to re-enterable many times for easy splicing any new branch cable. With out adding any new materials.
- 6- Equipped with fibre organizer trays of (24 fusion splices per each tray) with total capacity of 72/128 fibre splices and to hold the fibres splice parts and access length of fibre after splicing.
- 7- The splice trays or units should be movable ones to easy splicing any fibre to new branches without affecting the working ones –
- 8- The protection sleeve in the splice trays should be in on layer for easy maintenance.
- 9- The splice trays should be suitable for fusion and mechanical splice.
- 10- The capacity of the closure should be not less than 128 fibre splices.
- 11- It should have fixed parts to hold the central strength member of the cable so to prevent the cable from pulling out and prevent fibre bending in the organizer when the cable is twisted when handling the closure.
- 12- The closure should be with an appropriate dimension to prevent fibres and buffers from too tight bending radii.
- 13- It should be corrosion resistant and watertight.
- 14- It should be able to withstand maximum tensile load and the pressure when used for buried application.

- 15- It should be offered with materials of mounting on the manholes wall.
- 16- It should be considered that the manholes where the closures will be mounted might be filled with water fluid in the rain sessions.
- 17- The tenderer should offer one sample of the offered closure.
- 18- The closures should be opened and reclosed as of ten as required with out using power, consumable material or special tools.
- 19- The closures should include the pressure gas valve.
- 20- The closures shall be designed for a life expectancy of at least 30 years.
- 21- We will refuse the closures with the cylindrical shape.
- 22- The tender should offer catalogues for each type, which clear the mechanical construction details, dimension, drawing of the product offered and the installation construction. And should be in English language.
- 23- Information to be supplied: Manufacturers name country of origin make /model/code No-Closure content materials used operating environments.

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Technical data sheet of optical fibre closure 72/128 fibre

Characteristics	Offered by the Tender
1- Closure	
- Capacity	
- Cable entries	
- Cable entire diameter	
- Cable fixing	
- Dimension	
- Corrosion resistant	
- Water tight	
- Max tensile load	
- Max pressure	
 Opened and reclosed as often as 	
required with out using power,	
consumable material or special	
tools.	
- Including pressure gas value	
- Life expectancy	
2- Organizer trays	
- Tray no	
- Tray capacity	
- Protection sleeve arrangement in	
the tray	
- Suitable for fusion and mechanical	
splice	
- Tray dimension	
- Splice tray movability	
3- Materials	
- Jointing materials for splicing the	
full capacity	
- Cable entries materials	
- materials of mounting on the	
manholes wall	





Distribution Joint,72/128 fibres

Item	specification	
1- Closure		
Material of closure	plastic	
Capacity of closure	72 to 128 fibers	
Number of entries	Minimum 6	
Cable enter diameter	6 min . 29 max .	
Cable fixing	Fixed by base of Galvanized steel	
Dimension Of Closure (L * W * H)mm	Min 450 * 200 * 150 Max 700 * 380 * 300	
Corrosion resistant	yes(necessary)	
Water tight	found	
Max tensile load	yes(necessary)	
Max pressure	yes(necessary)	
Opened and reclosed as often as required without using power consumable material or special tools	yes(necessary)	
Including pressure gas value	found	
Life expectancy	30 year	
2- Organizer trays		
Number of tray	6 to 12	
Tray capacity	12 to 24	***************************************
Protection sleeve arrangement in the tray	Arrangement shape	
Suitable for fusion and mechanical splice	yes(necessary)	
Tray dimension	suitable	
Splice tray movability	easy	
3- Materials		
Jointing materials for splicing the full capacity	found	
Cable entries materials	found	
Materials of mounting on the manholes wall	found	
	7	

Note:-

^{**}The closure should have area under the splice trays or in side of closure in order to keep of spear of loose tubes.

Schedule of tender no. 73/2011 for the Supply of Optical Fiber Cable Accessories (Distribution Joint)

Item No	Item Description	Qty	Unit price	Total Price
1	Distribution Joint 24/36 fibers	400	A MARINA CHE PAGE AND	
2	Option 20% organizer tray + 20% protection sleeve (for joint 24/36 fibers)			
3	Distribution Joint 36/48 fibers	400		
4	Option 20% organizer tray + 20% protection sleeve (for joint 36/48 fibers)	(b) the course of		
5	Distribution Joint 48/72 fibers	100		
6	Option 20% organizer tray + 20% protection sleeve (for joint 48/72 fibers)			
7	Distribution Joint 72/128 fibers	90		
8	Option 20% organizer tray + 20% protection sleeve (for joint 72/128 fibers)			

1. Specification of above items are required