

## Annex-I: PROCUREMENT PLAN FOR GOODS

(2008-09).

**Country:** INDIA  
**Borrower:** Ministry of Health & Family Welfare, Govt. of India  
**Project:** TB Control Project-II

Package No.	Description	Method of Procurement	Schedule/ Slice	Procurement Authority	Quantity (Number)	Estimated Cost (Million local currency- Rupees)	Estimated Cost (Million USD)	Stage	Initiate preparation of Specification and Bid Document	Preparation of IFB and submission to the Bank	Preparation of the Bid Document
1	1st Line anti TB drugs <b>(Detailed description of product is given in Annexure-I)</b>	ICB	50% to be delivered within 4 months of signing the Contract & the balance 50% to be delivered in the 9th month after signing the Contract.	MOH&FW	PC-1: 569000 PWB* PC 2: 204100 PWB PC 3: 300700 PWB PC 5: 4895300 Vials PC 13: 37300 PWB PC 14:64300 PWB PC 15: 2100 Box PC 16: 2900 Box PC 23: 248000 Strips (For approx.679 million population)	497.42	12.75	Projected	27-05-2008	27-05-2008	27-05-2008
								Actual			
2	2nd line Anti TB Drugs <b>(Detailed description of product is given in Annexure-II)</b>	ICB	33% to be delivered within 4 months, next 33% to be delivered by 9th month & the balance 34% to be delivered within 14th months of after signing the Contract.	MOH&FW	PC 8: 36870 Strips** PC 17: 460800 Vials PC 18: 79200 Strips** PC 19: 149040 Strips** PC 20: 250200 Strips** PC 21: 39240 Strips** PC 23: 55300 Strips** PC 24: 250200 Strips** PC 25: 2340 Container of 100 gm PC 26: 131400 Strips** (For approx. 1200 patients /as per	59.65	1.53	Projected	27-05-2008	27-05-2008	27-05-2008
								Actual			
3	TB Lab Equipments-I <b>(Detailed description of product is given in Annexure-III)</b>	National Shopping	Total quantity within one month of award	MOH&FW	Attached in Annexure -III	9.5	0.24	Projected	18-05-2008	20-05-2008	20-05-2008
4	TB Lab Equipments-II	NCB	Total quantity within one month of award	MOH&FW	Attached in Annexure -IV	39	0.92	Projected	15-Jun-08	NA	26-Jun-08
5	Binocular Microscopes	NCB	within 60 days of Award	MOH&FW	1500	30	0.72	Projected	July 1st, 2008	NA	July 3rd, 2008

\*PWB= Patient wise Box

\*\* strips of 10 tabs.

1US \$= approx.INR 39

Note: In case different time schedule are being proposed for each of the slices, kindly provide slice-wise details

UNOPS comments:.. The time taken for GMP inspection and Ministry's approval may be more ( no columns for this)

## Annex-I: PROCUREMENT PLAN FOR GOODS (2008-09).

**Country:** INDIA

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**Project:** TB Control Project-II

Package No.	Description	Approval of IFB and Bid documents by the World Bank	Publication of IFB in Newspapers and UNDB	Beginning of Sale of Bid document	Opening of Bids	Submission of BER to Bank for approval	Approval of BER	Issue of notification of Award	Signing of the contract	Issue of contract award notice	100% delivery complete	Completion of contractual obligations
1	1st Line anti TB drugs <b>(Detailed description of product is given in Annexure-I)</b>	9/6/2008	10/6/2008	11/6/2008	25/07/2008	25/08/2008	25-09-2008	26-09-2008	24-10-2008	25-10-2008	24-07-2009	24-10-2009
2	2nd line Anti TB Drugs <b>(Detailed description of product is given in Annexure-II)</b>	3/6/2008	4/6/2008	5/6/2008	21-07-2008	21-08-2008	15-09-2008	16-09-2008	14-10-2008	15-10-2008	15-12-2009	15-03-2010
3	TB Lab Equipments-I <b>(Detailed description of product is given in Annexure-III)</b>	N/A	N/A	N/A	N/A	N/A	N/A	28-5-2008	30-5-2008	N/A	20-6-2008	20-6-2008
4	TB Lab Equipments-II	NA	2-Jul-08	2-Jul-08	30-Jul-08	NA	25-Aug-08	10-Sep-08	30-Sep-08	N/A	10-Oct-08	
5	Binocular Microscopes	NA	11-Jul-08	11-Jul-08	7-Aug-08	NA	30-Aug-08	15-Sep-08	12-Oct-08		31-Dec-08	

\*PWB= Patient wise Box

1US \$= approx.INR 39

Note: In case different time sch

UNOPS comments:. The time

**LIST OF ANTI TB DRUGS – 1<sup>st</sup> Line Drugs**

SL No.	Product Code Number.	Product Description	Strength
1.1	Product Code-1 Treatment box for Cat-I patient	Treatment box for Cat I patient. Each treatment box containing 24 combi-packs of Schedule-I in one pouch and 18 multi-blister calendar combi-pack of Schedule-2 in another pouch	Each combi-pack of Schedule-I containing 1 R Cap. of 450mg 2 H Tabs. of 300mg each 2 E Tabs. of 600mg each 2 Z Tabs. of 750mg each  Each multi-blister calendar combi-pack of Schedule-2 containing 3 R Caps. of 450 mg each 6 H Tabs. of 300mg each 4 Pyridoxine Tabs of 5mg each
1.2	Product Code-2 Treatment box for Cat-II patient	Treatment box for Cat II patient. Each treatment box containing 36 combi-packs of Schedule-I in one pouch and 22 multi-blister calendar combi-pack of Schedule-3 in another pouch	Each combi-pack of Schedule-I containing 1 R Cap. of 450mg 2 H Tabs. of 300mg each 2 E Tabs. of 600mg each 2 Z Tabs. of 750mg each  Each multi-blister calendar combi-pack of Schedule-3 containing 3 R Caps. of 450 mg each 6 H Tabs. of 300mg each 6 E Tabs. of 600mg each 4 Pyridoxine Tabs of 5mg each
1.3	Product Code-3 Treatment box for Cat-III patient	Treatment box for Cat III patient. Each treatment box containing 24 combi-packs of Schedule-4 in one pouch and 18 multi-blister calendar combi-pack of Schedule-2 in another pouch	Each combi-pack of Schedule-4 containing 1 R Cap. of 450mg 2 H Tabs. of 300mg each 2 Z Tabs. of 750mg each  Each multi-blister calendar combi-pack of Schedule-2 containing 3 R Caps. of 450 mg each 6 H Tabs. of 300mg each 4 Pyridoxine Tabs of 5mg each
1.4	Product Code-5	Imi. Streptomycin 750 mg.	750 mg. vials.
1.5	Product Code 13	Treatment box for pediatric category (6-10 Kg). Each treatment box containing 24 combi-packs of Schedule-5 in one pouch and 18 multi-blister calendar combi-pack of Schedule-6 in another pouch	Each combi-pack of Schedule-5 containing 1 R Tab. of 75mg 1 H Tab. of 75mg 1 E Tab. of 200mg 1 Z Tab. of 250mg  Each multi-blister calendar combi-pack of Schedule-6 containing 3 R Tabs. of 75 mg each 3 H Tabs. of 75mg each 4 Pyridoxine Tabs of 5mg each
1.6	Product Code-14	Treatment box for pediatric category (11-17 Kg). Each treatment box containing 24 combi-packs of Schedule-7 in one pouch and 18 multi-blister calendar combi-pack of Schedule-8 in another pouch	Each combi-pack of Schedule-7 containing 1 R Tab. of 150mg 1 H Tab. of 150mg 1 E Tab. of 400mg 1 Z Tab. of 500mg  Each multi-blister calendar combi-pack of Schedule-8 containing 3 R Tabs. of 150 mg each 3 H Tabs. of 150mg each 4 Pyridoxine Tabs of 5mg each
1.7	Product Code-15 Treatment box for prolongation of intensive phase of pediatric cases (6-10Kg & 18-25 kg)	Treatment box for prolongation of intensive phase of pediatric cases (6-10Kg & 18-25 kg). Each box containing 5 pouches and each pouch containing 12 blister combipack of Schedule-5	Each combi-pack of Schedule-5 containing 1 R Tab. of 75mg 1 H Tab. of 75mg 1 E Tab. of 200mg 1 Z Tab. of 250mg
1.8	Product Code-16 Treatment box for prolongation of intensive phase of pediatric cases (11-17Kg, 18-25 kg and 26-30kg)	Treatment box for prolongation of intensive phase of pediatric cases (11-17Kg, 18-25 kg and 26-30 kg). Each box containing 5 pouches and each pouch containing 12 blister combipack of Schedule-7	Each combi-pack of Schedule-7 containing 1 R Tab. of 150mg 1 H Tab. of 150mg 1 E Tab. of 400mg 1 Z Tab. of 500mg
1.9	Product Code-23	Blister strips or foil pack containing Pyrazinamide 750 mg, Strip of 10 Tablets	Each strip contain 10 Z Tab. of 750 mg

R= Rifampicin; H= Isoniazid; E= Ethambutol; Z= Pyrazinamide; X= Pyridoxine.

**Annexure-II**

**LIST OF DRUGS FOR TREATMENT OF MDR-TB PATIENTS- 2<sup>nd</sup> Line Drugs**

<b>Sl. No.</b>	<b>Product Code No.</b>	<b>Specifications</b>
2.1	8	Blister strips or foil pack containing Pyrazinamide 500mg, Strip of 10 Tablets
2.2	17	Loose Packs of Inj. Kanamycin 500 mg vials
2.3	18	Blister strips or foil pack containing Ofloxacin 200 mg, Strip of 10 Tablets
2.4	19	Blister strips or foil pack containing Ofloxacin 400 mg, Strip of 10 Tablets
2.5	20	Blister strips or foil pack containing Ethionamide 250 mg, Strip of 10 Tablets
2.6	21	Blister strips or foil pack containing Ethambutol 200 mg, Strip of 10 Tablets
2.7	24	Blister strips or foil pack containing Cycloserine 250 mg, Strip of 10 Capsules
2.8	25	Loose Packs of Sodium PAS Granules, Plastic container of 100 gm
2.9	26	Blister strips or foil pack containing Pyridoxine 100 mg, Strip of 10 Tablets

**GROUP 1**

Item	Quantity	Unit cost	Total cost
Refrigerator	13	20000	260,000
<b>TOTAL</b>			<b>1,560,000</b>

**Group 2**

Item	Quantity	Unit cost	Total cost
Air conditioners	39	20202	787878

**Group 3**

Item	Quantity	Unit cost	Total cost
Ice Box	39	1998	77922
Bunsen burner for LPG gas	65	500	32500
Loop holders	156	202	31512
Loop wire (10 meters each)	13	82	1066
Diamond marker pencil	78	202	15756
Grease marking pencil	104	52	5408
Hot plate	13	5217	67821
Discard bins	78	522	40716
Forceps	78	102	7956
Cotton(10 rolls each)	13	92	1196
Stop watch	39	1021	39819
Stainless steel tray (15" x 10" x 3")	26	921	23946
Wire rack	130	522	67860
Filter paper (Packs)	1560	322	502320
Stainless Steel bucket with lid (60 Litres)	26	1665	43290
Perforated Baskets	39	2020	78780
Test Tube Rack	78	202	15756
Stainless steel scissors	39	102	3978
Spatula	78	10	780
Clips (50 mm)	26	7	182
Clips (70 mm)	26	7	182
Knives	78	102	7956
Cork borers	26	322	8372
Boxes (96 mm)	26	522	13572
Boxes (46 cms x 4 cm)	39	422	16458
Stainless steel trays (20" x 12" x 2.5")	52	7215	375180
Stainless steel bowl	52	322	16744
Stainless steel funnel	26	522	13572
Drying rack	78	102	7956
Stainless Steel Bucket with lid (4 Gallons)	78	522	40716
Mug	52	92	4784
Brown paper for packing	975	12	11700
Rubber bands (1/2 kg)	13	222	2886
Dissecting forceps	65	102	6630
Non-absorbent Cotton ( Kg)	52	92	4784
Wire gauge with non-asbestos pad at the centre	26	202	5252
Tripod stands	26	102	2652
Stainless steel rods for staining (set of two rods)	78	202	15756
Industrial Gloves pairs	13	202	2626
Lens Paper ( books)	650	32	20800
Slides(packs)	<b>144</b>	<b>133</b>	19201
Hot plate	13	5217	67821
<b>TOTAL</b>			<b>1724164</b>

**Group 4**

Item	Quantity	Unit cost	Total cost
Wire racks to hold 150 Universal Containers (McCartney bottles)	650	2720	1768000

**Group 5**

Item	Quantity	Unit cost	Total cost
Slides - Glass microscope slides; 76 mm x 26mm x 1.3 mm plain, one pack of 50 slides	144	130	243,360.00
Glass ware for stain preparation - Round (flat bottom) flask	10	202	26,260.00
Glass ware for stain preparation - Measuring cylinder	4	252	13,104.00
Glass ware for stain preparation - Measuring cylinder	4	522	27,144.00
Containers for stains	8	242	25,168.00
Dropper Bottles	8	42	4,368.00
Glassware for media preparation i) 3 lts. Flasks	3	821	32,019.00
ii) 1 Lts. Flasks	12	182	28,392.00
iii) 1 ml Pipettes	15	72	14,040.00
iv) 2ml Pipettes	15	72	14,040.00
v) 5ml Pipettes	15	82	15,990.00
vi) 10ml Pipettes	15	82	15,990.00
vii) 500ml Beakers	12	102	15,912.00
viii) 250ml Beakers	12	82	12,792.00
Bijou bottles	250	7	22,750.00
Glass beads( 500 gm/lab)	1	200	2,600
1 ml Pipette, sterile disposable(boxes)	50	322	209,300.00
5 ml Pipette, sterile disposable(boxes)	50	322	209,300.00
10 ml Pipette, sterile disposable(boxes)	50	422	274,300.00
Rubber teats	6	6	468
Rubber bulbs	6	11	858
Retort stand base	2	322	8,372.00
Retort ring plain rod	1	132	1,716.00
Retort ring plain rod	1	142	1,846.00
Retort ring plain rod	1	182	2,366.00
Clamps	2	132	3,432.00
Boss heads	2	102	2,652.00
Test tube brushes	2	12	312
Cylinder brushes	1	20	260
Nylon brush, large for test tube	1	17	221
Brush for flask	1	24	312
Mortar pestles	1	322	4,186.00
Beakers	2	62	1,612.00
Beakers	2	52	1,352.00
Beakers	2	102	2,652.00
Beakers	1	202	2,626.00
Test tubes	100	2	2,600.00
Funnels clear glass	1	42	546
Funnels clear glass	2	102	2,652.00
Funnels clear glass	2	322	8,372.00
Volumetric Flask	1	202	2,626.00
Volumetric Flask	1	252	3,276.00
Volumetric Flask	1	722	9,386.00
Boxes for storing slides	15	142	27,690.00
<b>TOTAL</b>			<b>1,975,220.00</b>

## Annexure III

**Group 6**

Item	Unit	Qty/Lab	No. of Labs	Cost/lab	Total cost
Potassium Di chromate	Kg	1	13	1021	13273
Phenolic compounds containing disinfectants	Lts	50	13	12100	157300
Basic Fuchsin	25 Gms	500	13	4040	52520
Sulphuric Acid (25%)	5 Lts	10	13	1420	18460
Malachite green	25 Gms	150	13	852	11076
Methylene Blue	100 ml	100	13	622	8086
Auramine	100 Gms	250	13	1055	13715
Phenol	500 Gms	5	13	3620	47060
Hydrochloric Acid	500 ml	15	13	5760	74880
Potassium Permanganate	25 Gms	25	13	17	221
Liquid paraffin (Heavy Grade)	2.5 Lts	3.5	13	1127	14651
N-acetyl L-Cysteine	10 Gms	25	13	2552	33176
Sodium Citrate	500 Gms	500	13	272	3536
Ingredients for media preparation i) $KH_2PO_4$	Kg	1	13	722	9386
ii) Magnesium Sulphate	Kg	1	13	422	5486
iii) Magnesium Citrate	500 Gms	500	13	821	10673
iv) L-asparagines	100 Gms	1	13	16206	210678
v) Glycerol	500 ml	3	13	2166	28158
Sodium hydroxide pellets	500 Gms	1	13	422	5486
Cetyl Pyridinium Chloride	500 Gms	500	13	3330	43290
Sodium Chloride	Kg	1	13	322	4186
Drugs for sensitivity i) Dihydro-streptomycin Sesquisulphate	5 Gms	5	13	3219	41847
ii) Isonicotinic acid hydarazide	5 Gms	5	13	2720	35360
iii) Rifampicin	5 Gms	5	13	38295	497835
iv) Ethambutol Dihydrochloride	5 Gms	5	13	1643	21359
Reagents for identification i) PNB	50 Gms	50	13	33	429
ii) Cyanogen bromide	50 Gms	50	13	1021	13273
iii) O-Tolidine A.R (Prev /100ml)	50 Gms	50	13	4605	59865
iv) Hydrogen peroxide	500 ml	1.5	13	966	12558
v) Tween-80	250 ml	250	13	680	8840
Magnesium Citrate	500 Gms	500	13	1021	13273
Magnesium Sulphate	500 Gms	500	13	202	2626
Oxalic acid (pure)	500 Gms	500	13	202	2626
Agar	500 Gms	500	13	2020	26260
Phenol red indicator	10 Gms	10	13	222	2886
Potassium phosphate	500 Gms	500	13	422	5486
Sodium phosphate	500 Gms	500	13	322	4186
Iodine	10 Gms	10	13	62	806
Acetone	Lts	1	13	422	5486
Absolute alcohol	500 ml	10	13	10210	132730
Acetic acid anhydride	500 ml	500	13	722	9386
Peptone bacteriological	500 Gms	500	13	722	9386
Catechol	100 Gms	100	13	1021	13273
Hydrogen peroxide 20v/v	100 Gms	100	13	142	1846
Lab lemco	500 Gms	500	13	422	5486
Liquor ammonia	Lts	1	13	142	1846
Sodium carbonate	500 Gms	500	13	142	1846
Boric acid	Kg	1	13	422	5486
<b>TOTAL</b>					1701583

**Annexure IV**

<b>Item No</b>	<b>Brief Description</b>	<b>Unit</b>	<b>Quantity per state/Lab</b>	<b>Total Quantity</b>
1	Electronic balance	Number	1	13
2	Analytical balance	Number	1	13
3	pH meter (digital)	Number	1	13
4	Hot Air Oven	Number	1	13
5	Shaker	Number	1	13
6	Bottle Washing Machine	Number	1	13
7	Distilled Water plant	Number	1	13
8	Water Bath	Number	1	13
9	Pipetting Device	Number	2	26
10	Filter holder	Number	2	26
11	Vortex Mixer	Number	1	13
12	Inspissator	Number	2	26
13	Centrifuge	Number	1	13
14	Deep freezer	Number	1	13
15	Autoclave (Horizontal)	Number	1	13
16	Autoclave (Vertical)	Number	1	13
17	Incubators (1 each of 25° C, )	Number	1	13
18	Incubators (1 each of 37° C )	Number	1	13
19	Incubators (1 each of 42° C)	Number	1	13
20	Fluorescent Microscope	Number	1	13
21	Biological Safety Cabinets	Number	2	26
22	Universal Container (McCartney Bottles)	Number	10000	1,30,000
23	Spare caps for Universal Containers	Number	10 Packs (100 each)	130 packs (100 each)