

CIMAISE

V/Réf. : A12-5.2.1

N/Réf. : 09350-55

Carpet Recycling

Section 02 42 13E

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March 31st 2013

PART 1 - GENERAL

1.1 Included works	.1	Removal and recovery for recycling old carpets and carpet scraps newly implemented.
1.2 Related sections	.1	Section 02 41 17E – Demolition and refurbishing
	.2	Section 09 68 00E – Carpet
1.3 Priority	.1	When work is to be done for the Federal government, sections of Division 1 have priority on all other technical section of other Division of the tender.
1.4 References	.1	Carpet and Rug Institute (CRI)
	.1	CRI 104-[1996], Standard for Installation of Commercial Carpet.
1.5 Definitions	.1	Closed circuit recycling: transformation process of a product after used in a similar product.
	.2	Open circuits recycling: transformation process of a used product into a different product.
	.3	Nylon 6: fiber used to make carpet-rugs with a basic component; caprolactam.
	.4	Nylon 6,6: fiber used to make carpet-rugs, with two (2) basic components: hexanedioic acid (adipic acid) and hexamethylene.
1.6 Documents/samples to be submitted	.1	Submit report stating proposed method to prevent dust.
	.2	Submit a list of carpet-rug, on which the designation of pieces will be the same as the one used on the drawings.
	.3	Submit a list of recovery/recycling activities of carpet-rugs, stating or containing what follows:
	.1	Removal sequence of carpet-rugs;
	.2	Inventory of coverings or covering components to be removed, salvaged or recycled;
	.3	type of fiber;
	.4	Characteristics related to recycling procedure.

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| 1.7
Documents/components to be given at end of works | <ul style="list-style-type: none">.1<ul style="list-style-type: none">.1 Submit a list of recovery activities of carpet-rugs.<ul style="list-style-type: none">.1 Submitted list must have or indicate what follows:<ul style="list-style-type: none">.1 Partially occupied space areas;.2 Inventory of carpet-rugs to be removed and salvaged;.3 Proposed methods of conditioning and transportation..2 Submit documents provided by salvage company, confirming reception and elimination of salvaged carpet-rugs..3 Submit document provided by salvage company certifying that old carpets-rugs were removed, salvaged and recycled as per salvage program established by carpet-rug manufacturer.<ul style="list-style-type: none">.1 Recycling process type:<ul style="list-style-type: none">.1 Closed and/or open circuit..4 Record data pertaining to removal of old carpet-rugs out of the site and garbage from salvaged carpet-rugs. Give the following information:<ul style="list-style-type: none">.1 Date and time of removal;.2 Type of fibers;.3 Weight and quantity of materials salvaged;.4 Final destinations of salvaged materials. |
| 1.8
Management and elimination of garbage | <ul style="list-style-type: none">.1 Sort and recycle garbage..2 Remove out of the site all wrapping materials and send them to appropriate recycling installations..3 Salvage and sort paper, plastic, polystyrene, nodule cardboard wrapping and dispose of them as per management agreement for garbage. |
| 1.9
Documents to submit pertaining to quality insurance | <ul style="list-style-type: none">.1 Certificates: submit documents sent by company in charge of removing salvaged old carpet-rugs, certifying that they have been removed, recovered and recycled as per salvage program for carpet-rugs. It is forbidden to recuperate energy generated by incineration process. |
| 1.10
Scheduling | <ul style="list-style-type: none">1. Work carried out in two phases, see drawings limits.2. Scheduling, see section 01 32 18E and directive Ministerial representative.3. The place of work is within an occupied building. |
| 1.11
Guarantee | <ul style="list-style-type: none">.1 Not applicable |

PART 2 – PRODUCTS

- 2.1
Recycling Company for carpet-rugs.
- .1 Contractor must provide the name of the company who will be recycling the carpet-rugs and their recycling program.
- 2.2
Material/Materials
- .1 Solvents used to remove glue on carpet-rugs: as per CRI-104 standard.
- .2 Old carpet-rugs:
- .1 Keep old carpet-rugs. Remove them immediately from work areas and place them in a container or trailer.
- .3 Underlay:
- .1 Ensure recovery and recycling of underlay when recovery/recycling program exist in designated regions by carpet-rug salvage company.
- .4 Recovery containers:
- .1 There is no available storage place on premises for removed carpet. Contractor must take away carpet rubbish as they are removed and store them temporarily until rug manufacturer will pick them up.

PART 3 - WORK

- 3.1
Assessment of premises
- .1 Check state of the works and make sure existing conditions are favorable to the performance of the work. Identify any problem susceptible of slowing beginning and completion of the works. Inform Ministerial representative.
- .1 Do not begin works before problems are resolved and before receiving approval of the Ministerial representative.
- 3.2
Staging works
- .1 Vacuum old carpet-rugs before removal. Do it vigorously to minimize dust particles when pulling it out.
- 3.3
Removal of carpet-rugs
- .1 Remove old carpet-rugs by strips, big strips according to recommendation of manufacturer/recycler.
- .1 Roll tightly and carefully place in container or recovery trailer. Also salvage cuttings and waste of newly installed carpet-rugs.
- .2 Pile or place in cardboard boxes slabs of removed rug-carpets, and then place them in recycling bin or on recycling pallet.

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- .2 Slab rug-carpet put into container or recycling bin must be dry and clean, that is, without demolition debris, asbestos garbage, rubbish materials and staple strips.
- .3 Remove glue as per CRI-104 standard.

**3.4
Disposal**

- .1 Contractor must take out of the site carpet to be recycled and store temporarily, and that, until picked up by the recycling company or manufacture's transportation.

**3.5
Installation of new rug-carpet**

- .1 Install new carpets: By Contractor as per section 09 68 00E – Carpets.
- .2 Collect scraps new carpet and dispose of the old carpet identically demolished.

***** END *****